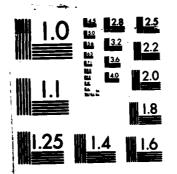
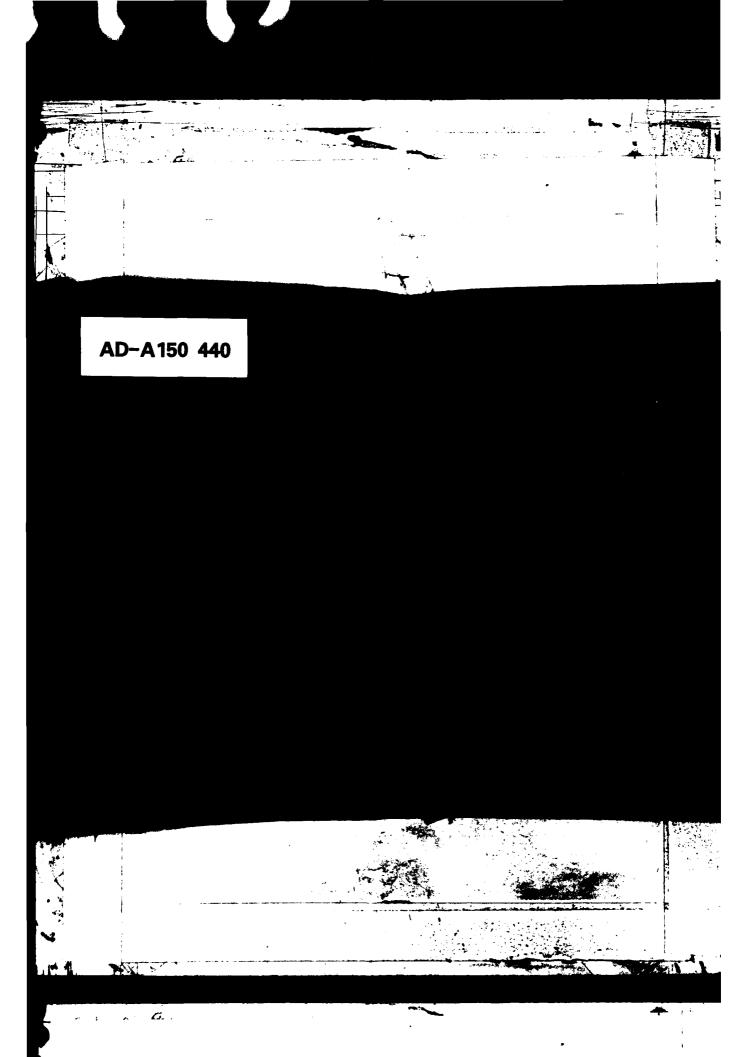
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19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

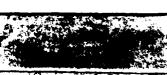
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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

This summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

<u>DESCRIPTION</u>: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

<u>COMMENT</u>: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "O". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your comment and criticisms.

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PART A

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WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

<u>Percentage of observations with precipitation</u> - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949.

Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Prequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.



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	. ,	• 3	2.				•	•6	2.4			• .	•
TOTALS		.2	2.				?.	1.5	4		• 1	F 4	247

*** 1857, 61

17-25

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STATION

PERCENTAGE PREQUENCY OF OFCUPATIONS OF WEATHER OF WESTIGNS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	ALL	• 1	2.3				7.3	1.5	1.7			11.	7414
Γ-		• 2	٠, ٠				3.	2.1	11.			1 .	270
		. ?	1.				1.	• d	13.1			1 ' •	245
ir		• .	2.						e: • t			3	2 •
		1.0	3.				7.	• 1	ć • ¹ 4			• *	2.
•		•	4.4				4.	• .	۶.			2.1	24 -
J ·		,	3.1			,	7.		•			.5	? »
		.2	£. • ′∠				•	• 1	*••			7 • ti	2 * '
,	L		4.8				4.	• 1	2.1			• ;	2 -
		• 4	3.1				?•	• 4	7.1			7.5	24
M -		• 2	3.				7.45	1.5	1".5			13.	20 °
715		• 2	2.				2 • ′	1.5	4.0		• 1	4	2-7
TOTALS		1.5	3.6				3	. 7	7.9		• 5	6.5	292

17 / VEY TEST, FL JANUARY 1973-DI CEMBER 1982 JANUARY

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE	BLOWING SNOW	BLOWING SAND AND CUST	NO WEATHER
z	•	1.5							1.5	. 7	21.3		i	75.
NNE					1				2.6		16.7			•
NE	-		. 4						1.5		10.0	<u> </u>	i	67.
ENE	• '	. 4	. 4						. 8		7.1		† · · · · · · · · · · · · · · · · · · ·	20.8
E		2.1							• 3	• 3	4.4			93.5
ESE	• 4	1.2								1	• 4			37.5
SE		.5									• 6		,	98.7
SSE	1.									1.7	5.1	<u> </u>		92.4
S		2.5			I			• 3			12.1			85.C
SSW	4.	6.0						7.0			12.0			82.0
SW		2.5						2.0			13.9			A0.6
wsw		9.1							L . 5		9.1			77.3
w	1.4	1 . 3									13.0	<u>†</u>		70.
WNW	1 •	5.3							10.5		7.0			72.7
NW	1.	1.6									14.5		,	82.3
NNW	• '								2.2		15.1			ez.
VARIABLE												Ī		i
CALM	$\geq \leq$	▼	>><	$\geq \leq$			><	><	> <u>~</u>		70-2			
TOTAL	- 2	32	2					٦ ا	31	£	255	[1	2144
% TOTAL	• **	1.3	•1		1			-1	1.3	•2	10.3			86.7

TOTAL NUMBER OF OBSERVATIONS 2 9474

1 `	HEY SEST. FL		JANUARY	1973-DICEMBER	1982	FERRUA Y	
STATION		STATION NAME		· EARS		MENTA	

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOW NO.	8.0 W NF 1 2.0 2 AND 2 ST	t. Vetatoris
N	2.	.7						• 7	2.4	• 3	15.4		•	* A (* - 9
NNE	4.1	1.0	• 3					• 3	4.3	† 	13.0		-	7: 7
NE	44	.8						•	• 8	1.2	7.8		+ - · · · · · · · · · · · · · · · · · ·	· 64.5
ENE		1.7							i • 1	1	6.3		* ···· 	7.03
E	l.	2.5							. 4	1	12.6		+	P4.
ESE	7.1	• 5		I					1.1		8.9		!	58.
SE	•	3.4						€ 23	2.5		5.7			8.
SSE					T					1.1	1 7			٠
S	1.1										11.7			37.
ssw	• 1								4 - 3		12.9		† 	1 . 5
sw								5.00			20.0	<u> </u>		75.
wsw	12.								• 3		3.1		•	81.
W		• 1						2.7			2.7	!		89.
WNW					[13.0	• · · · - · !		56.
NW		1.1							1.1		9.9		•	47.9
NNW	. • 2	1.1							2		14.8	_	*	5.7.6
VARIABLE													•	•
CALM	$\geq <$	\geq	$\geq \leq$			$\geq \leq$	$\geq \leq$		$\geq <$	≯ ₹	3500	$> \leq$		***
TOTAL	- 5	· e	1						4 D	6	249			1973
" TOTAL	2.	1.2	• (*)					-3	1.0	• 3	11.0			84.4

TOTAL NUMBER OF OBSERVATIONS 2.25.

1 -ER TST. FE JANUARY 1973-D CEMBER 1982 MADON STATION NAME STATION NAME

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOW NG SANC AND DUST	NO WEATHER
N				 	<u> </u>			•1.	• 6		21.3		• . .	77.0
NNE					1				1.6		71.9		 	76.5
NE		2.1							7.4	ļ -	11.3		•	64.5
ENE	• 3							1			11.4		!	£ 7 . 1
E	•	.4								• 2	: • 6		† - -	1 • ڏڻ
ESE	•	•3				1				 	7.5		 	91.7
SE	1.2							• .			10.2			87.
SSE	1.	.6						• 1.	• t		12.2	i		85.6
S		1.0							• 1		10.3			A: 9
ssw		2.5									1 . 4			82.1
Sw	• 5										3.3			61.1
wsw	14.5							7.1			17.9			67.
w		2.0						2			10.5			P6.
WNW		• 2						7.2	2.2		13.3			84.5
NW		1.									₹1.3			77.5
NNW	•	• "							3.7		34.3			63.
VARIABLE														
CALM	$\geq \leq$	\searrow		$\geq \leq$	><	$\geq \leq$	$\geq <$		> ₹	$\geq <$	उपर			> <
TOTAL	:	1.4	1					7	17	2	325			2107
TOTAL	102	• 5	•:		Ť			• 3	•7	•1	13.1			85.7

TOTAL NUMBER OF OBSERVATIONS 2,480

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ST. FL JANUAL Y 1973-01 CEMBER 1982 STATION NAME

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	ŞMÜKE HAZE	BLOWNS SNOW	1 450	A EATHER
N		1.					,,	• "		†	□ 9		:	F 8 .
NNE		1 • ti									'•1		• · · · · · · · · · · · · · · · · · · ·	95.5
NE		1.3									5.6		+	7 7 7
ENE	•	3.1						•		1	5.6		†	95.4
E	•	1.6			1			• ~		:	5.2		1	97.7
ESE	• :	1.1								•	7.3		1	٠ ١ •
SE	•	•3									1 .0			36.4
SSE	• -	. f.						• :		1	:0.1			28.
s		5.8								-	17.1		•	79.1
ssw	· •	4.0		 						†	1.07		•	75.
SW											11.1	· -		98.9
wsw		5.5									₹•2			
w										1	3.5			36.4
WNW											13.2	- -	+ i	36
NW											15.9		4	84.1
NNW		1.4						1.7		† ———	14.		—	84.2
VARIABLE					1					† 				+
CALM	> <	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\mathbb{X}	$>\!\!<$	><		> <		*	-
TOTAL	1	7.0						٠, ١			702		i	. 21"
% TOTAL	• 11	1.6		T	†			• 4			F . 4		•	39.

2,4:0 TOTAL NUMBER OF OBSERVATIONS __

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1 G.

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17 7 FE HEST. FE

JANUARY 1973-0- CEM-ER 1982

P A V

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS "PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMORE HAZE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N	•	2.						2.0			14.3	ţ		= -
NNE	2 • •	1.2						1.2			11.8	·	1	*2.
NE	2.	5 • D						• 9			15.7			79.
ENE	1.	4.5						• 5	1.3		12.2			82.7
E	1.1	2.3						•			6.6			97.5
ESE	1.	3.2						• 7		1	4.7			90.5
SE	3	2.2						• 5			3.2			92.4
SSE	1.1	4.5						1 • 1	. 4		5.2		†	88.8
S	1.1	.6						1.1			7.8			89.9
ssw	1.0	1.4						2.7			4.1			9
sw											2.5			\$
wsw		• 1		<u> </u>				2."						24.5
w								4			23.0		!	71.4
WNW								2			23.7		+ i	73.7
NW								1.6			19.		 	79.4
NNW											15.1			54.9
VARIABLE														·
CALM	$\geq <$	$\geq <$	>><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	\sim		754			-
TOTAL	1	∴3						24	3		204		1	21/6
TOTAL	1.	2.5						1.0	• 1		9.2		!	87.3

TOTAL NUMBER OF OBSERVATIONS

2,48"

1.	TEX REST. FL	JANUARY 1973-0- CEMBER 1982	JUNE	
STATION	STATION NAME	YEARS	MONTH HT. Rt	

WIND DIRECTION	\$AIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET - SHOWERS ICE CRYSTALS	SNOW GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N		1.			1			5.2			1.7	1	† · · · - · · · ·	23.
NNE		3.5						3.5			11.3		1	33.
NE	~ • ♀	5.3						6.7			12.7			77.
ENE		2.9						2.9			4.4			52.t
E	1.	1.7		1				1.7		1	16.2		+	80.5
ESE	1.	1.3		 				1.0			E . 9	 	1	57.
SE	- :·	1.0		1				1.3	. 3	1	4.9	1		6.0
SSE	1.	2.1			†——				• .	† <i></i>	3.5			47.
s	4.	2.9		ļ	1			1.4	• 5	1	7.3	1		F4.4
SSW	₹.	3.9			1			2.	1.3		6.3	† · · · · · · · · · · · · · · · · · · ·	ļ ———	36.7
SW	1.	7.1						. 9			1.4	†	1	22.1
wsw											4.7	†	+	95.1
W		5.7			1		·	5.			11.4	+		77.
WNW	7.	11.4	T	ļ	1			3.5			3.6	1		77.:
NW	2.	8.8			1			5.1		T	5.9	<u> </u>		22.4
NNW		5.5						11.4		·	5.7		•	80.Q
VARIABLE				t	1					1				
CALM	$\geq \leq$	>4.00		$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	744			32.7
TOTAL	45	45		}				60	4		214		; }	2 :
% TOTAL	1.7	2.7	 		1			2.5	• 2		8.9	1		45.5

TOTAL NUMBER OF OBSERVATIONS 2,478

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10 7 - CY MIST, FE JANUARY 1973-DECEMBER 1982 JULY
STATION STATION NAME YEARS MINTH FO

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	SNOW	SAND SAND AND DUST	NO WEATHER
N		15.1						25.5			3.2		1	71.6
NNE		1.0						9.1						Ç
NE	1.	11.3						11.3			2.4			5 · . 7
ENE	1.0	c • 1						7.1						6.9
E	• 1	3.0						4 . C			4.8			89.1
ESE		1.5						1.5			6.6			95.7
SE	1.2	• • •			T			2.5			6.1			87.3
SSE	•	5.3			T			7.2			3.7			89.4
s		• 5						• 5			3.1			26.7
ssw	7.2	3.2						4.6			1.6			38.9
sw								4 . 1			4.1		1	91.8
wsw	•	7.5						10.0			2.5			80.0
w	* • .							4 . 2			4.2			27.5
WNW														170.0
NW		: , 9						6.7			15.6			75.6
NNW		5						22.5			6.5		Ī	71.0
VARIABLE														
CALM	$\geq \leq$	> <		$\geq \leq$	> <		$\geq \leq$	>	$\geq <$	>><				94
TOTAL	14	13						95			123			2214
% TOTAL	• 1 ·	3.2			T			3.8			5.0			89.

TOTAL NUMBER OF OBSERVATIONS 2.450

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1.7	PEN DEST. FL	JANUA: Y 1973-0 CEMBER 1982	AUGUAT	
STATION	STATION NAME	VEARS	VONTH.	HO.RS

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SANALL HAIL	THUNDER	FOG	ICE FOG GRUUD FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.	10.7						14.3			3.6	İ		79.7
NNE	0.0	5.0						ಾಣ•0		†				75.
NE	7.0	6.1						6.5			3.0		- ··	54.5
ENE	. • 5	9.5						N.6			2.7			81.3
Ε	1.	2.5						4.3			3			30.0
ESE	• `	2.3						1.3		·	c.6	1		90.0
SE	1.7	3.						7.1			4.5			87.
SSE	•	3.2						6.4			10.3			79.
s	•	7.7						79.4		<u> </u>	5.1			63.8
SSW	• 1	8.5						10.2		1	5.1	i		78.
sw	14.3	14.3		1				19.0			4. P	i		56.7
wsw	• 7	12.5		<u> </u>				12.	4.2		16.7	• · · · · · !		58.1 70.0
w	•							0.0		†		 		70.0
WNW	7.	11.5						3.6		t	17.2	† - · · ·		6.1.4
NW		6.7		1				10.3		1	10.3			72.4
NNW		3.5		1				7.1		† 	3.6			72.4
VARIABLE														
CALM	>≥र	>	$\geq \leq$	$\geq \leq$	> <	$\geq <$	$\geq \leq$	>	\	$\geq \leq$	>4		$\geq <$	Blat
TOTAL	1: 3	1 6						129	2		134			⇒12: 65.£
% TOTAL	1.7	4.3		Ì				5.2	• 1		5.6			65.5

TOTAL NUMBER OF OBSERVATIONS 2.42

1.7	PEY FEST. FL	JANUATY 1973-0 CEMEER 1982	SFOTEMBER	
STATION	STATION NAME	* E A # 5	MCNTH	4, 4, ., ., ., t,

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N		₹,0						7.8			5.7			72
NNE	* • !	3.8						5.9			6.3			91.
NE	• *	5.3						7.1			2.3			87.2
ENE	1.	4.0						4.5			4.5			87.9
E	1.	3.4						3.5			1.0			91.9
ESE	1.	3.3						2.0			1.0			92.1
SE	1.2	3.1						3.5			. 6			92.9
SSE		3						● '						97.7
s	1.2	3.6						2.4	• 6		.6			73.9
ssw											3.0			08.
sw	. •							2.5						97.5
wsw									3					95.7
w	2.	2.1						5.4			2.7			F 7 . 3
WNW	7.7	11.5			T			15.04			11.5		1	65.4
NW	5.	5.7						14.3			14.3			68.6
NNW								2.5			2.5			90.0
VARIABLE														
CALM	$\geq <$	X	>>	$\geq \leq$	$\geq \leq$	>>	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	> <			**
TOTAL	7.7	2						F 4	2	1	51		1	218:
% TOTAL	1.	3.4		1	1	— —		3.5	•1	† — — —	2.1			71.2

TOTAL NUMBER OF OBSERVATIONS 2.44(10)

17 FEY WEST, FL JANUARY 1973-DECEMBER 1982 CTOBER
STATION STATION NAME TEARS MONTH HOLES LISTE

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND OUST	NO MEATHER
N	• •	1.8									15.1		† ··· · · · · · · · · · · · · · · · · ·	92.1
NNE	1.7	1.6						• 3			7.1			90.4
NĒ	1.	1.5						1.4	. 4		7.5			88.7
ENE	2.	2.5						• 7	• 2	• 2	6.8			87.5
E	1.	3.4						• 8		!	7.7		i	A7.3
ESE	1.	1.3									f • 5			35.
SE		7.1						3.1			1.0			93.5
SSE	5										~.3			93.2
s		1.3						1.9			3.8			940.
SSW	7													95.7
SW												-		100.0
wsw	10.	5.3												43.3
w											7.1	1		92.9
WNW											5.0			94.1
NW		ç•1						3.0						90.9
NNW		1.0						1.3			10.9			95.5
VARIABLE													† · · · · · ·	
CALM	$\geq \! <$	∑ ₹	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	> ₹	$\geq \leq$	> ₹	$\geq <$	$\geq \leq$		3
TOTAL	36	54						23	5	2	177			22 :
% TOTAL	1.4	2.2						.0	• 1	•1	7.1			89.

TOTAL NUMBER OF OBSERVATIONS 2.45

1. FEN WEST, FL JANUARY 1973-DICEMBER 1982 NIMEMBE

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
N	3.	1.4		 	T				2.8		23.5			71.
NNE	7.4	•6							1.7		15.4			75.9
NE	1.				i i		· · · · · · · ·		1.1	1	6.6			0.0
ENE	1 • 2	1.1							1.3		8.9			27.9
Ε	2.	1.9						• 3			6.7			89.
ESE	2.3	2.3					····	•5	• 5	†	5.6			96.7
SE	3.7	1.7						1.2	2.4		2.4			89.
SSE									2.4		2.9			91.4
S	·	5.3	,						2.6		7.9			94.2
ssw									10.0		10.0			90.0
sw		5.3									6.3			P1.3
WSW											12.5			91.
w											33.3			66.7
WNW	7.7									7.7	15.4			69.3
NW	3.	3.6									10.7			52.1
NNW) • ·	1.4		Ī				1.4	1.4		21.6			74 . 3
VARIABLE														
CALM	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		> ∀ ₹	≥ ₹	THE .	$\geq \leq$		
TOTAL	ķ.	*3						4	36	2	252			2034
% TOTAL	(4	1.4						•2	1.5	•1	10.5			85.0

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

G. ..

1 CEV STST, FL JANUATY 1973-DECEMBER 1982 DECEMBER
STATION STATION HAME STATE STATION HAME

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMJKE HAZE	BLOW NO	BLOW NO SANC AND DUS'	NC MEATHEI
N	1	.7	1.0					† †	7.1		12.3		•	F 2
NNE	1.	.5			<u> </u>				3.1		6.4		•	48.8 42.6
NE		3.	• 3						1.1		4.7		•	42.6
ENE	•	1.7							1.0	. 4	4.1	i	• · · · · · · · · · · · · · · · · · · ·	91.0
E	• 7	2.1							• •		3.8		†	Q3.
ESE	•	1.3						۰۲			1.4			95.
SE		2.4						• 3		i	1.6			56.
SSE		2.4						2.4			2.4			95
s	1.2	1.2						1.2			1.2			76.
SSW	:	2.0							. • 0				1	93.9
sw		7.0												57.
wsw		10.5									7.9	Ţ		94.
w											3.7	,		35.
WNW	•										3.2			73.
NW	. •	2.									7.0			44
NNW	7.	2.	2.0						3.4		7.8		,	82.
VARIABLE														
CALM	> <	> ₹	$\geq \leq$			$\geq \leq$	$\geq \leq$		> < c		> ₹			कर्
TOTAL	, .	36	6					5,	35	ı	121	1	!	225
TOTAL	1.2	1.5	•2		 			• 2	1.4	.0	4.9		+	91.

TOTAL NUMBER OF OBSERVATIONS 2+47°

NAVWEASERVCOM

G. .

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

1 "	MEY SEST. FL	JANUARY 1973-DICEMBER 1982	2 L L	
STATION	STATION NAME	1 E ARS	MONTH	

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	ī.	1.7	• 2					1.3	1.3	•2	15.7		i	7
NNE	1	1.0	•0					1.6	1.9		11.			33.0
NE	1.7	2.1	•1					1	• 5	• 1	7.1			97.5
ENE	1	2.9	•0					1.6	• 7	• 1	6.8			97.7
E	1.	2.3						1.5	• 1	• 3	6.4			87.
ESE	•	1.8						1.5	• 1		5.8			91.
SE	1.	1.7						1.4	• 2		5.3			9
SSE	1.2	2.3						1 . "	• 2	• 1	6.0			89.5
S	: • 2	2.5						1.7	. 3		7.6			A8.2
ssw	2.1	3.0						2.4	• :		6.7			86.7
SW	7.8	2.5						3 • 1			∂ • 1			85.6
wsw		4.9						7.1	1.5		5.8			53.5
w	1.	3.3						2.2			8.7			84.7
WNW	. •	3.5			T			2.7	1.4	• 3	11.6			80.8
NW	1 • 1	3.1						2.4	• 2		12.7			32.1
NNW	1.2	1.	• 2					1.8	1.7	1	15.2			79.7
VARIABLE														
CALM	$\geq \ll$	> ₹€	> ₹	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		> ₹		₹	$\geq \leq$	$\geq \leq$	***
TOTAL	41	6 32	10	1				445	173	19	2311			25556
% TOTAL	1.4	2.2	•0	<u> </u>				1.5	•6	•1	7.9			F7.

TOTAL NUMBER OF OBSERVATIONS 25 . 200

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<u>.</u>,

Alle or the land Balance College of the stiffen

NOCD. Federal Building Asheville, N. C.

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

DERIVED FROM DAILY OBSERVATIONS

SNOWFALL*

DERIVED FROM DAILY OBSERVATIONS

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

- The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
- The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations

From beginning of record thru 1945

Snow depth at 0800 LST

Jan 46-May 57

Snow depth at 1230 GCT

Jun 57-present

Snow depth at 1200 GCT

U. S. Navy and Weather Bureau Stations

From beginning of record thru Jun 52 Jul 52-May 57

Snow depth at 0030 GCT

Snow depth at 1230 GCT

Jun 57-present

Snow depth at 1200 GCT

^{*} Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

- 155T F1

53-

STATION

STATION NAME

YEARS

						AM	OUÑTS (II	NCHES)						PERCENT		MON	THLY AMO	DUNTS
PRECIP.	NONE	TRACE	.01	.0205	.0610	.1125	.2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01.20.00	OVER 20.00	OF 5 4 VC	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS				
MAL	6 • ?	14.	1 . 7	4 - 1	2 • 1	5 • 1	2.5	•9	• 6	• 1				15.1	8 9	1.45	7.86	•0
FEB	6 . 6	1 -1	2 • 1	4.2	3.4	3.5	2.6	2.9	1.7	. 4				2 - 3	:19	23	5.61	•
MAR	• '	1 .	• 1	3.4	1 • ^	2.2	1.	1.0	1.0					13.3	819	1.28	4.27	141
APR	12.	11.	1 • '	٠.	7 • 1	2.7	1.	. 7	• "	• 4				12	. 10	1.44	5.41	•
MAY	٠.	11.5	: • 2	5+2	5.7	5.3	4,7	4.1	2.1	• 3	- 1			26.05	<i>5</i> 9	3.34	12.34	•.
MUL		1 .5	1.5	7.4	5 • 3	7.5	6.1	5 . 1	3. 7	1.	• 1			37.6	<u>e</u> 7	. 24	23.79	• 3
JUL	4 6	17.4	₹. €	7.8	5- • °	7.3	5.6	3 • 1	2.2	•3				3/ • ?	899	3.35	11.23	• 1
AUG	7 • (17.7	. • a	9 €	5.7	1 .2	7.	4.7	3.0	• 1				45.	899	4.45	9.60	1.
SEP	•	15.7	4 - 1	11.1	7.5	9.2	₽. £	5.5	5.7	•5	• 2			52.5	870	5 . 2 °	13.15	2.4
ост	1.	11	3.^	7.8	4.7	7.3	4 • 1	3.8	3 • ∘	. 4	• 1			3∜.1	/3°	4.25	14.47	• 5 3
NOY	• 7	1	2.4	5.7	3.0	3.3	2.3	2.2	. Fs	• 3	• 2	• 2		22	ଜ େପ	2.64	7.31	TH AC
DEC	. 4 . *	14.	7.7	7.	3 • 3	2.7	2.4	1.3	1.1	• 1				20.	930	1.51	4.75	• -
ANNUAL	51.	14.3	2.4	5.5	4.	£ g	4 . 1	3-1	2.2	• 3	- 1	ن.		25.4	10624	37.34		\searrow

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

STATION STATION NAME YEARS

						AM	อบค้าร (เ	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP.	NONE	TRACE	.01	.0205	.0610	.1125	.2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
SMOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1,5-2.4	2.5-3.4	3 .5-4 .4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS				
JAN	^•														6 - 9	• `	• `	•
FEB	•														r 19	• -	3	
MAR	Γ.								-						8 9	• .	٠٠	•
APR		-													7:3	• 0	• ;.	•
MAY											1				5.9	• "	• 0	•
JUN															ب ت	• 1	•	
JUL															b ' 9	• 1	•	•
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SEP	•														c	. (1	•	•
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DEC	•										-				7.	• ^	•	•
ANNUAL															11455	•	X	\times

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

STATION STATION NAME YEARS

1						AM	OUคีรร (เ	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP.	NONE	TRACE	.01	.0205	.0610	.1125	.2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS WITH	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5.4.4	4.5-6.4	6.5-10.4	10.5-15.4	15 5-25.4	25.5-50.4	OVER 50.4	MEASUR- ABLE	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS				
JAN	•	<u> </u>				-									£ · 9			-
FEB	•									-					; 9			
MAR															5 9			
APR	-														7			
MAY															8 9			
MUL	•														7			
JUL	. ,														£.P			
AUG	•																	
SEP	~.														5.			***
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NOV	~."														- 0			
DEC		-													7.10			
ANNUAL	· ^ •														105 2			\times

NAVWEASERVCOM

EXTREME VALUES

PROTEITATE N

G.

YEARS

MACUNTS IN INCHLA

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
,							7.07	1.20	5.0%	1.73	• ?	• 1 -	
	• 3	3.4/	_1.5	- 7.7	1.2	3.25	. 3 a	1.27	1.00	• 33	5.75	.4;	5.7
5	. 4.4	• 0 3	.55	•07	•12	2.2	.30	• 5.7	1.73	• 37	•.77	•57	٦.
٠			•აი	• 2 ·	•53	1.35	1.51	1.02		• 2	. 6	• 1 -	
	• ?	3.11	1 1	. 4 7	1.2	•13	1.20		2.17	2.74	. 41	1.00	
r	7.2	1.35	1.55	1.52	.73	1. "	2.7	1.65	2.57	• 24	• (1.5)	1.1	٠.
;	• ^ 1	• 37	• 5 =	•31	1.33	2.73	1.24	· c 3	3.62	1.25	4.36	4.	4.
	• :: 3	. 4	• 3 ti	• 5	6.65	.67	. 94	1.25	1.64	1.77	.56	• 23	7. g £
1	• 7	1 . 14	1. 4	1.12	.77	1 - 12	. 77	1.67	1.34	1.31	•	• 31	1.4
	• 3 4	• 27	•2€	• E 1	<u>. 3</u> (• 7	2.72	2.39	.71	.78	• 4	1.7	***
. [• 2 7	• f:	•D*	• ^ 7	•6 1	. 33	•62	• 45	5.14	1.25	- E	• u '	. • '
- 1.	<u> </u>	• • ?	• 7	• 71	1	2.96	• 36	1.16	2.43	1.65	.74	1.6	<u> </u>
<u>"></u>	• 3	1.25	• ? 1	1.11	• 7 7	1.33	• 37	1.22	2.55	1.97	• 1 6	• 4	2.0
t l		2.10	•5'	.57	•67	3.37	1.34	• : 3	1.81	3.27	• 7	•	7.
-5	• //	1.73	. 47	• 0.2	•6	2.23	. 44	1.2	1.23	2.1	• 3.2	2.4	2.
		1. 4	1.7		.22	3.27	.76	2.04	1.09	3.14	1.67	•	
4	• * * *	1. 4	•22	4	1.27	3 4	. 45	• 5 5	1.70	2.37	• : 7	• 2	٠.
	2.05	• 1	1.42	• ?	1.73	. 91		• 7	1.77	2.61	.10	• 1	
	• 2	• ⁻ tı	•] [•10	• 31	1.52	1.74	1.27	8.5	5.13	2.13	• 1	
	• 7-	1. 6	• 3.	• F	1.17	2.45	3 - 4 1	1.40	1.44	• 35	- 43	1.1	
	.'•	• 7.7	1.2	•15	• 5	1.21	1 • . 7	1.98	1.31	• • 7	• 5	2.2	2.•"
	. 4 7	<u>• 6.7</u>	• 2 7	• ' -	1.04	2 . 54	2.25	1.72	1.24	1.5	7	1.27	
·	• , -	• - 7	• 21	•60	•54	1.76	1.81	2.13	1.72	•	• 3	••	•
	-27	3	-03	3,7	- 5 -	2 . 2	.63	2.48	• 5.3	- 50	- 34	1.23	
.7	• 4.7	• 65	• • • •	1.25	3.27	3.0	• 83	1.47	1.5	1.45	2.21	•	
	• 1. 13	1.19	1.16	1.04	2.17	• 93	• 4 7	- 56	• 9 7	• Ł 6	.35		
	• 4 4 • * ₹	• 6 5	• 7 f.	4 • ? 1	1.54	1.30	2 6 0	1.01	7.5	.87	18.40	.10	L .
	3.1	. 57	• 5 +		. 5 7		2.60	1.21	2.06	•68 •25	1. 4		4 . 4
:	1	4.4	• 5.1 • 9.5	•	.95 7.30	1 • 6 E	1.00	1.47	1.84	1.94	32	• . 4	5.
MEAN	- 44		•6	.97	1.31	1.45	1.23	1.2	1.91	1.53	1.72	•	
S.D.	.7 - 2	1.17	- 6	1.212	1.106		792	• 12	1.100	1.220	3.506	895	1.
	+ 7 - 2	113	8 9	31	859	277	899	8 9	:7	97	7 10	037	1
OTAL OBS.			3 4 4	,1	077		0 7 7	3 Y					

EXTREME VALUES

PACIFICATIONS

STATION

STATION NAME

YEARS

24 HOLD AMOUNTS IN INCHOS VBACED ON LECS THAT FULL MONTHON

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN,	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
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MEAN		 											
S.D.											<u> </u>		1
TOTAL OBS.		T											1

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EXTREME VALUES

SNO FALL

STATION NAME

YEARS

25 HOLD AMOUNTS IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
7						$\neg \neg$	• 1	• 7	• "	• 0	• ^		
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	•	• ']	• [• "	• 1	• 13	• ′	- • :	• -	• 3	• [• ~	• `
		•]			- •	• 4	• '	• 7	•-	• ?	٠٢	· `	•
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i	•	•]	•]	• []	•]	• []	• 0	• .	•]	- 71	• 🖺	• ·	• *
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				<u> </u>		• 0	•~	• 0	• 0	• 0	•0	• *	•
MEAN	• 0	• 10	• 1.5	• 10	•30	.00	•00	• ::0	.:0	•00	. 0	.00	• 1
S. D.	. 00	-000	• ^0≎	• 000	• ^00	.000	• 0.07	• 500	•200	•0 00	. 700	•000	20:1
TOTAL OBS.	8 9	2 1 2	899	7 2 7	399	70	879	930	900	230	7.70	63	10.055

SMOS

1.7

EXTREME VALUES

SN. FEEL

STATION STATION

G. .

STATION NAME

YEARS

24 HOUR IMOUNT: TN INCHES
VRAIED ON LOSS THAN FUEL MONTHLY

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
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EXTREME VALUES

SRIF DE PTE

STATION NAME

YEARS

DATES INDA DEPTH IN INCHES

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
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- 4			<u> </u>			<u></u>	0	<u> </u>					
6:						- <u>0</u>	<u>C</u>				n n	î	
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			<u>-</u>		<u>_</u>	 위				5	0		
· · ·							<u> </u>	<u>\$</u>		<u>U</u>	2	2	
- 4					-	: :	<u> </u>	<u>ก</u>	,	<u> </u>	•		
- 6					<u></u>	<u> </u>				0 3 ;	7.	1,	
7			1.1	i;		٥	וני	ורי	C	a	r).	;	
7,		0		.1		n n	0	0 3	7	0 0	อ	,	
		اد د		0.60	0.0	5 2		5 5					
MEAN				• 1	•	3.	• <u>0</u>	-5		.^	. 7		
S. D.	. 00	ממר.	.000	-700	- 00	.000	.00	- 00	.00	000	- 200	• 200	. :08
TOTAL OBS.	879	319	879	7:	899	870	86.5	930	430	368	9:0	930	17542

EXTREME VALUES

SNC SEPTH

STATION NAME

53-

YEARS

DATE NOW DEPTH IN INCHES YEARTO ON LESS THAN FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
ė.													CAYS
. 7				•									SNO JETA David
- ;										7.			SNO TRYS
6						-				•			SNO TOTAL
ţ									<u> </u>				SMA APTH
							10						CAC CETA
													
MEAN													T T
S. D.													
TOTAL OBS.													

SMOS

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DAILY EXTREME AMOUNTS

12850 STATION Y GEST, FL

STATION NAME

1 45-1947 1954-1983

YEARS

JAMBERY.

MONTH

FEUBUARY

DAY		CIPITATION PREST			IOWFALL REATEST	
DAT	INCHES	MM	DATE	INCHES	ММ	DATE
1	1.5	35	1753			
2	₹•24	83	1758			
3	ि• € ध	16	1958			
4	0.53	13	1060			
5	• 11	3	1663			
6	. 4	11	1946			
7	2.1	13	1058			
8	n.3%	7	1978			
9	• 7	2	1761			L
10	• • •	44	1969			
11	?• ° D	64	1973			
12	0.74	5	1977			
13	. 4 ?	12	1978			
14	7.05	- 2	197"			
15	0.75	10	1072	L		
16	- 3	¢	1965			
17	• 4 7	12	197	LI		
18	0.32	ū	197			
19	D • 6 H	16	1969			
20	7.24	58	1983			I
21	1.4:	37	1958			
22	7.19	183	1983	[
23	74 • 77 }	125	1983]		
24	.34	9	1955	Ι		
25	-11	3	1063	i I		
26	^ · * 6	19	1966	1		
27	0.44	11	1973			
28	• • • • •	4	1947			
29	• 4	11	1955			
30	1.4	47	197			
31	7.1	5	1979			I
Aonthly	7.19	133	1983			1

			MO	NTH		
DAY		ECIPITATION CONTRACTOR		SNOWFALL GREATEST		
	INCHES	ММ	DATE	INCHES	ММ	DATE
1	0.74	19	1956			
_ 2	0.75	19	1983			
3	0.86	22	107			
4	7.74	19	1947			
5	0.74	19	1947			
6	1.25	32	1965	LI		
7	1. 5	47	1958	Li		
88	1.14	29	1975			
9	1.04	27	1972			
10	0.30	£	1987			
11	3	11	1955			
12	7.37	0	1971			
13	1.00	4 A	1947			
14	0.55	17	1077			
15	1. 4	26	1960			
16	7.43	24	107"			
17	1.14	20	1961			
18	4.40	114	19 1			
19	7.6	24	1968			
20	0.35	9	1959	1		
21	1, 3	34	1967	li		
22	2.50	64	1966			
23	7.00	20	196F			
24	0.91	23	1776			
25	0.08	25	1976			
26	1.5	27	1987	L		
27	3.51	89	1957			
28	3.4t	88	1954			
29	0.13	3	1968			
30						
31						
Monthly	4.49	114	1981	Li		

^{*} ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

MAY WEST, FL

STATION NAME

1945-1947 1954-1983 YEARS

MONT

AF-IL

			MON	NTH		
547		ECIPITATION CONTRACTOR		SNOWFALL GREATEST		
DAY	INCHES	MM	DATE	INCHES	MM	DATE
1	7.76	24	1988			
2	~• • • • •	10	1747			
3	1.1	29	1978			
4	. 4	12	1982			
5	: 01	26	1957			
6	.76	19	1979			<u> </u>
7	• S S	24	1982			<u> </u>
8	7	43	1083			
9	1.20	46	1954			
10	• 7 5	19	1947			
11	•12	3	1047			
12	0.2	7	1974			
13	7.73	19	1970			
14	• □ 2	1	17644			
15	• • 3	11	1983			
16	1.7	45	1066	I		
17	1.04	26	1961			
18	• ² H	21	1960		_	l
19	. 37	9	1959			
20	0.72	18	1954			
21	1.25	33	1973			
22	1.30	3	1981			
23	• 1 1	3	1079			
24	7.56	25	1983			
25	€ 5 €	14	1982			
26	1.59	40	1958			
27	1.42	36	197			
28	0.71	18	1964			
29	0.73	13	1782			
30	1.14	30	1958			
31	.6.2	16	1083			
Monthly	: • □ 0	46	1754			

			МО	NTH			
DAY		PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE	
1	1.12	2 §	1961				
2	5.27	7	1083				
3	10:2	39	1958				
4	0.12	3	1660				
5	0.57	14	1966			ļ	
6	3.75	96	1976	<u> </u>		ļ	
7	0.51	13	1962				
8	7.74	19	1776				
9	-30	<u> </u>	1966				
10	1.40	38	1969				
11	0.27	7	1768				
12	7.1	3	1777				
13	:. <u>.</u> €6	2	1977				
14	0.4	14	1976				
15	0.30	. .	1958				
16	1.26	3.7	1977			L	
17	ก•ูลูล	2	1964				
18	25.0	6	1957				
19	0.59	15	1960				
20	3,34	ç	1960				
21	1.11	2 £	1965				
22_	0.0	15	1975				
23	0.75	19	197#			<u></u>	
24	4.21	1 7	1979				
25	0.97	25	1982				
26	0.24	6	1957				
27	0.15	4	1973				
28	4.20	107	1969			L	
29	0.42	11	1966				
30	1.00	25	1079				
31							
Monthly	4.21	107	1979				

^{*} ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD





DAILY EXTREME AMOUNTS

MONTH

1.715 ∀ →£ST, FL STATION STATION NAME

G. .

1 4 -1 -47 1954-1983

MONTH

YEARS

DAY		CIPITATIO GREATEST	ON		OWFALL REATEST	
ן טאי	INCHES	MM	DATE	INCHES	MM	DATE
1	1.4	42	1779	T		
2	• 7	? 2	198			T
3	.20	30	1057		·	
4	•2	7.4	1977			
5	1.1	55	1978			
6	•31		1966			

144 196

	MUNIA							
247	PRECIPITATION GREATEST				SNOWFALL GREATEST			
DAY	INCHES	MM	DATE	INCHES	MM	DATE		
1	2.14	54	1963			1.		
2	7.00	76	1977					
3	3.37	86	1466			1		
4	5.16	146	1982			I		
5	2.6	75	1964			I		
6	1.40	. 36	1969					
7	• 8	25	1966	<u> </u>				
8	1 . 2	49	1976					
9	1.2	36	1976			L		
10	1 . 1	36	1983					
11	1.2	41	1971					
12	• 72	10	1958					
13	1.05	27	1976					
14	7.04	77	1969					
15	3.20	. 3	1954					
16	2. 4	65	1974					
17	0.13	24	1972			1		
18	2.3	69	195					
19	7	22	1266	1 7				
20	2.4	62	1972					
21	2.03	53	1945					
22		. 7	1977					
23	1.17	3	1969			L		
24	2.6	6.8	1976					
25	0.74	16	1980					
26	1.36	35	1975		_			
27	2.2:	5.9	1968					
28	1.12	21	1961					
29	1.14	2	1966					
30	2.24	57	1966			L		
31								
Monthly	5.76	146	1982					

^{*} ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

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DAILY EXTREME AMOUNTS

5 TUST

STATION

HIT WEST, FL

STATION NAME

1 45-1947 1953-1983 YEARS

JOLY

	MON	NTH
 PRECIPITATION GREATEST		

			MON	NTH		
5.4.7	PRECIPITATION GREATEST			SNOWFALL GREATEST		
DAY	INCHES	ММ	DATE	INCHES	ММ	DATE
1	1.5	14	1775			
2	1.71	43	1058			
3	^ • · ·	53	1958			
4	•		158			
5	1.10	3.4	1959			
6	7.77	20	1761			
7	• ¹ 8	25	1971			
8	1.4.	37	1971			
9	1. 2	34	1073			
10	72	6.3	1962			
11	•	7 a	1993			
12	. 1	46	1-75			
13	0.33		1950			
14	•	47	1959			
15	1.5	£.	1980			
16	.13	54	178]
17	1.71	38	1956			
18	1.6	42	10.3			
19	. 4	12	1945			
20	7.67	68	1980			
21	1.74	44	1971			
22	• (0	15	1966			
23	.2	30	1280		**	
24	1.4	38	197			
25	7.61	15	1768			I
26	1.0	25	1781			
27	:•29	5	1766#			
28	1.4:	37	1983			I
29	1.55	116	1983			
30	• ^ 7	25	1274			
31	• 0.3	24	157			
Monthly	-55	116	1983			

			IVIO	NIH			
		PRECIPITATION GREATEST			SNOWFALL GREATEST		
DAY	INCHES	MM	DATE	INCHES	мм	DATE	
1	_∵.≎9	25	176				
2	1.22	31	1981				
3	0.33		1982				
4	1.25	33	1965				
_ 5	0.63	16	197:				
6	0.64	16	196-				
7	1.25	32	1952				
8	0.49	12	1976				
9	1.15	2	1973				
10	- 2	51	1962	1			
11	1, 72	44	1974				
12	0.4	16	1969				
13	2.3.	6	1962			l	
14	1 . 2	26	1.71				
15	3.02	26	1756				
16	0.63	24	1977				
17	1.24	31	1981				
18	1.54	45	1961				
19	1.25	32	1960				
20	1.07	26	1973				
21	1.7	27	1945				
22	2.13	54	1975				
23	2, 8	76	1976				
24	1.41	36	1945				
25	1.76	45	1973				
26	3,77	96	1945				
27	1.80	46	1968				
28	1.42	36	1961				
29	1.2"	31	1967				
30	1.0	4.8	1973				
31	1.21	31	1077				
Monthly	3. 7	96	1945				

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

1 - 16

Y LEST. FL

STATION

STATION NAME

1953-1987

			MOI	NTH		
DAY		ECIPITATIO GREATEST	ON	SNOWFALL GREATEST		
DAY	INCHES	MM	DATE	INCHES	ММ	DATE
1	•_	۲.2	108			
2	10.2	41	1082			
3	7.1	5.5	1957			
4	7.2	a 3	1945			
5	7. 2	5.5	1020			
6	. 1	23	1064			
7	1	36	1075			
8	• 5	67	136.			7
9	1.4	4.9	1959			
10	- 8	22	176			
11	•2	33	1773			
12	1. 4	37	1981			
13	•	56	1958			
14	10.1	46	1065			1
15	.2	57	1981			
16	•11	3:	1956		~	
17	1.5	15	1964	Ì		
18	3.3	62	1964			
19	*.1	F.1	1963			
20	.1.	131	1963	T		t
21	1.4	49	1956			
22	1.60	43	106"			1
23	•	21	1967			
24	1.4	37	1972			<u> </u>
25	1.5	4	1963			
26	. 9	51	1768			
27	. 2	46	1756			
28	•	179	1953			
29	1.1	33	1781	 		
30	7	45	1970			1
31	 			 		
Monthly	- 15	131	1063			

			MO	NTH		
		ECIPITATI GREATEST			NOWFALI REATEST	
DAY	INCHES	MM	DATE	INCHES	мм	DATE
1	1.43	4.1	1945			
2	.7.03	52	1969			
3	2.74	7/	1957			
4	1.19	3	1966			
5	7.22	^ 2	1966			
6	1.47	37	1746			
7	1.14	2 "	1753			
8	. 1	26	1 757			
9	2.1.	55	1967			
10		15	1961			
11	1. 2	39	1968			
12	1.13	156	1271			
13	2. 2	21	1766			
14	1.57	5 0	196			
15	1.65	4.3	1945			
16	1.8	5	1968			
17	3.1.	80	1968			
18	1.3	44	1957			
19	2 . 1	66	197			
20	1.3	39	1965			
21	2.32	59	1970			
22	1.4-	38	1977			
23	1. 4	40	1987			Ī
24	2.97	25	1769			
25	2.21	56	1069			I
26	^ , , , 5	17	1978			
27	2.37	6	1969			
28	1. 1	33	1961			
29	1.5	42	1964			
30	1.89	4.6	1945			
31	1.77	45	196			
Monthly	6.13	156	1971			

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAILY EXTREME AMOUNTS

STATION

STATION NAME

1 14 - 1747 1953-1965 YEARS

N : EMBE :

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	M	HTMC

			MOI	NTH		
		ECIPITATION OF THE STREET		SNOWFALL GREATEST		
DAY	INCHES	ММ	DATE	INCHES	ММ	DATE
1		4	1971			
2	• 4	16	10.1			
3	• ``	19	1981			
4	. 5	140	1753			<u> </u>
5	0.32	_3	1982			<u> </u>
6	• ' 7		1020			<u> </u>
_ 7	• 7	25	1978			<u> </u>
8	r • 3	9	198			Ĺ
9	0.1	21	1090			<u> </u>
10	1."	44	1931	L		<u> </u>
11	1 .	467	} ? a :			
12	• 7	7.	1945			L
13	5.75	146	1954			
14	:• "5	45	100			
15	7.	7.1	178			
16	6	1.7	198			<u> </u>
17	• C	2	1980			
18	-2	7	1958			
19	• 0 /	2	1066			I
20	4 . 37	111	1959			
21	19.41	10	1957			
22	- 4	19	1964			<u></u> _
23	•1"	4	1976			
24	•21	56	1777			
25	, E i	14	1959			
26	. 2	6	1772			
27	• :	7	1969			
28	0.2	6	1 4 f			
29	' 66 '	42	1768			
30	• 7	25	1074			
31						
Monthly	1 . 0	467	7660			

			MO	NTH		
DAY		CIPITATION CONTRACTOR			NOWFALI REATEST	
DAY	INCHES	MM	DATE	INCHES	MM	DATE
ī	1.7	45	1062			
2	1.72	1	1982			
3	3.47	12	1054			
4	0.23	ŧ	1758			
5	7.37	9	1964			
6	. 7	22	1977			
7	70.4	24	1979			
8	.4	12	1942			
9	7.5	14	1953			
10	1.0	27	1983			
11	0.7	20	1767			
12	2.	6.1	1967			
13	.5	14	1977			
14	5.74	2	1758			
15	0.22	6	1758			
16	1.	41	: 264			
17	- 45	11	1777	1		
18	0.34	7	1977			
19	0.02	1	1971	J 1		
20	2.2	57	1973			
21	.56	15	1972	1		
22	0.1	23	1371			
23	4.00	102	1959			
24	1.2	26	1957			1
25	7.17	•	1977			
26	1.15	29	1958			
27	0.44	11	1964			
28	.30	R	1958			
29	7.13	13	1955			
30	. 32	84	1983			
31	0.2	6	1983			T
Monthly	•• 0	102	1959	<u> </u>		

^{*} ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NOCD, Federal Building Asheville, N. C.

PART C

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SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
 - (1) Annual all hours combined
 - (2) By month all hours combined
 - (3) By month by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SHEATE WITE

STATION

63.

Y LEST. F

STATION NAME

YEARS

TAIL PLAN SISTS IN MYT D

MONTH	JAN	١.	FE	8.	м	AR.	AP	R.	M	AY		JUN.	J	UL.	AU	JG.	SEP		oc.	т.	NO	ov.		DEC.	AL MON	
													44.		5 /	7 13	-	5.		6 0		37	-			
- 4	• •	2.0	1. 14 /	4 *	N *:	4.7			· ·	3.5	<u>:-</u>		¥ %			-	4	7		34	*. 5	36	Ŀ			
		٠.٦		7.3		* 1		7		4 /				34		34	i .	3 3	_	35		_	1	_		
<u> </u>			<u> </u>			- 2.7	·	36		7		+4	_	9 0	-	4 F		3.7	-	47		34				
į.		- 7		4 6	i	44		7.7	N W		_	31	i i	5.5	ĵ•	. 1				41		3 D		***		•
1.			· · -		-	7:			<u>. </u>	4 3 3 9	_	4.0 4.0	<u> </u>	3"		. A در 3		5	•	35	• '	_			 	
,	•	. 1	· 1 E	27	14		A 14	3		-	1	***	0 5 S s	•	î.		r	٠ ا			, S. v.	_	,			
	1.	7		: 7	 	3 F.	. —	3.5		3.7	-	3:	2 2	3.4		36	6	54	•	<u>: u</u>			<u> </u>			
•		34	[*.	***	('	- 1	!"	3 r 0 D		3 13		70		24	Ξ.Ε	39	E	ا ډر		₹. ;	ير (ف)			3 .	İ	
		, , ,	<u> </u>	ر ب	<u> </u>	4.2	\ \ \ \	30		33		39	, -	41	-	. s		3 4	*	3			\vdash		· · · · · · · · · · · · · · · · · · ·	
,	-	, .		٠,٠		+ 0		3 U		20	t .		- - 5 £		٠,٠	26)	ſ			54	,	~ 0	NE		,	
	``			34	J	3.		2 2	7 7 7		77	2 24	-	25	-	37		, 	-	21		31		- , ,		
5		, :		21	r .	,		1		3.2	ľ	7 ~	-		1. S E	2.2	1	3 -	5.1	34	- ¥	2.	[5	
5,		3.5		7 7	-	3:		3	-	2 4		37	_		; "\ <u>`</u>	12		77	• •	26	-		<u>: </u>		-	
_ ,	-			34	Ι,	3	ع.٠	28	k	4.7		- 7	.	7.3	_	- ÷	r.	3.0	,	41	,	30	į.			
		-;		7.	_	34		2 :	7	2 -	Ŕ.	· · · · ·				3		<u> </u>	5.5	37		<u> </u>		-		
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	R,	7.			3	3.8			14	27	- 7	56	1	34	25	7	2	41	2.2] 2	:-	Ç (4	3 -	7	- :
	3.	41	3.2	7.2	-	10		31	-	30	14	45	7	40	1.	28	h 1	30	D 7	3.	5.0	3 ~	: :	• :	1-	t.
• ;	, .	35	2 %	6.2	3	3 2	21	7.7	1	2 7	14	3	<u> </u>	35	16	¥8	3 1	36	7	32	5 5,	7.7	3.7	44		
		7	D l	32	2 .	2 *		2,	11	2.9	7	44	31	34	7	3.3	18	31	4	31	, -	6	27	7.5	17	
	34	2.0	27	36	20	33	0 -	20	10	32	16	2.6	3 1	4	3 3	33		32	ć	35	9.5	3.3	1.7		, ·	:
ر)	31	3	2 >	34	្រ	2 "	<u>;</u>	1.3	14	30	1 3	29	Ġ	2 :	<u> </u>	20	16	26	7	25	35	5.7	4	• •	!	
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7.					3 '	27	ŀ								3 7	25	23	27								
•	- 2	- 1	30	-1													1	30	. 4	75	1	2 ल	3.5	27		
	. 3	26	3 4	7.7	2 4	4.7			<u>(</u>	2	3 0			33			<u> </u>									
1												0.4	۳.	32	4	2.3										
	12	4 4																_			36	20		34		
MEAN		<u>• S</u>		· • •		54.5		3.			_	37.7		3.5		5 . 5	3.4	_		9		7.2		3.		•
S. D.	• 1	, ,		711	٠,	456	é.	65	7 ·		T.	• 2 y D	* •	< 3		755			12.3			126	٠.	3.		711
TOTAL OBS.		7.	l	- 1	l	771	l	717		742	l	715		768		768	7.	4		67		747	l	8,77	(

EXTREME VALUES

- ACC . T (FROM DAILY OBSERVATIONS)

13.

STATION NAME

YEARS

THE TO AN ERDS THIS PORSEPLATIONS TO MONTHLY

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
,								2					
											1		-
	7												
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7									1 <u>2</u> 6		_		
	1.	1 21		1		11 76	: 3e :5	, ,	<u> </u>	17		24 34 2	
		· ·	C 2.		11 1			10 23				•	v
					-	,	-	3 -		, ·			
			,	٠.	1 - 2			ړ	12 32 11)s 36 17	1-1	
			2 32		<u> </u>		r;	8					2:14 : 0:17:
MEAN S. D.													
TOTAL OBS.		 			 	 							

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	F - F - 41974 E1	• • •		ڼ
STATION	STATION HAME		YEARS	HTHOM
		TEE FATHER		• •
		CLASS		HOURS (L.S.T.)
		COMPLTION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N		1.	(•)	2••	• 5							٥.	
NNE	•	2.47	· •	3.€	• 3							• 1	
NE	٠,	•	f ₃	1.7								1 • 1	
ENE	1.	4.	∀•	• 1					I			11.	
Ł	•	₹• *	₹.	"。.								11 - 1	
ESE	•_	1.	14.0	. 2									•
SE	•	1.		2.6								7.	•
SSE	• "	1.	1.	• 6								•	7.
\$	•		•	1.4								. •	
SSW			•	,								•	1.7.
\$W	•				• 7							i -	11.
W\$W				•								•	11.
w			•							L		• •	<u>.</u>
WNW		1.		•								1.	
NW	•		•	•								• 3	
NNW] •	•	7.3	7							7.	1 - •
VARBL													
CALM	><	> <	>	\times	> <	> <	><	> <	$\supset <$		><	۰, و د.	
	11.	23.0	31.	23.3								1 0.	٠,

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.	7.7	4.5	. 4:							10.4	•
NNE	1.	ft * c	5.5	7.2	. 4							15	£.
NE	! •	4 . 5	7.0	?•ć			1					12.	5.
ENE	1.	?•	4.7	• 6								. • .	. • .
E	1."	7.	7.2	1.^								:0•1	
ESE	• •	1.	4.2	2,3								•	
SE	1 • **	1.	2.7	2.3								4 . 8	7 •
SSE		1.	1.	1.								3	• 8
\$	•	•	1.3	1.6	- 3							• 5	
SSW		•	• 3									1.	
SW	•	• .		• 7								1 •	
wsw		•		• ć								1.	10.
w	•	• 3	• 4	• 3								1.	7.
WNW			۰٬									1.0	
NW	•	1.	1.	?								3.6	
NNW		•	1.6	1.9								3.	D . 1
VARBL.													
CALM	><	> <	\times	><	> <	>>			$\supset <$	$\geq <$	>>	4.	
	11.	24.3	33."	23.6	1.9	• 3						10.0	`• `

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CLASS

					COR	DITION							
SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.	4."	2.3					-			10.5	•
NNE	•	٠. ٦	7.3	4.5	. +							1	
NE	•	4.5	4 . 5	1.6								12.	ι.
ENE	1	۲. ۵	3.1	1.								1:00	•
E	ì •	1.0	3.7	1.6	. 7			i	i			. 4	Ť.,
ESE	•	1.	? •′·	₹•0	• 3							~ ● 4	
SE		1.	2.4	2.9								7.1	
388	•			• 3								2 • •	
\$		1.	2.	1.5								5.	•
SSW	•	1.	• 7									1.	

TOTAL NUMBER OF OBSERVATIONS

SMOS

WSW WNW NW NW NNW

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 -	HIN WEST, FE			J 43
STATION	STATION NAME		YEARS	HTROK
		ILL WEATHER		1 -
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 • 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.	2.9	3.0	1.								11
NNE		2 • 3	7.4	5 • 5	1.6	7						17.2	10.5
NE	•	1.5	3.4	7.7			1					1: •5	۶.۶
ENE		1.	6.:	• 6								•	• 1
ŧ	• '	2.6	4.7	3.9								11.	9.0
ESE		•	2.4	4.0	• 3							• 7	17.9
SE		• 1	1.7	1.9	• 3							4.	10.7
SSE		• 1	2 • ⁴	1.6									· • 1
5		1.	?.	2.3								<i>(</i> •)	9.4
SSW		1.	1.3	. 6								3.	• 5
\$W			•	• 6								1.	10•6
WSW												1.	• 1
w		• '	• 3	• 3								1.0	. '
WNW		•										•	• 1
NW			•	• 3	• 7	• 3						1.3	1 + 3
NNW	•	• 1	•6	• 3	• 6							7 • 3	1 •
VARBL													
CALM	\times	\times	> <	\times	X	\times	\times	$\supset \subset$	\times	\times	>>	1 •	
	1.	16.5	46.7	30.7	4.2	• "						ר.ס ו	7

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MEAN WIND SPEED SPEED (KNTS) DIR. 7 - 10 1 - 3 11 - 16 17 - 21 ≥56 10.3 N 12.4 4.0 NNE 2.6 NE 1.7 10.8 ENE 1 . 3 7.8 1: .5 ŧ 1. 10. ESE ī <u>•</u> 3.0 13.7 SE 1. 1.6 • 1 \$ <u> 2 • ₹</u> 10. 7. • 3 SSW SW WSW 1.0 w 1 . WNW • 13.5 1.0 NW 1. VARBI CALM 42.7 37.2 1 0.0

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	•	1.	3.6	5.2								11.7	
NNE	• '	2.5	2.3	2.9						L		12.3	. 6
NE	•	2.3	٤•٤									* • 2	6.7
ENE		• 1	7.3	4.5								• 7	17.
2		1.7	6.	3.7	• 6							1 .	1
983		1.	4.7	4 . 5								10.4	10.1
SE	•	1.3	3.5	1.9								7.8	2
SSE		1.	1.	1.3								3.	8 • •
\$		1.	1.4	• 6								3.	8.
SSW		1.	• *	• 3								2.3	t: •
SW	• "		1.	1.7								7.	~ •
WSW		• `	● ¹⁴ ,	• 3								1.	
w				1.								1.	•
WNW		• 1		1.7								1.	•
NW		•	, 7	1.3									11.
MMW	•	• 6	1.5	3.0	• 3	. 4,						•	12.
VARBL													
CALM	\times	$>\!\!<$	>>	><	><	> <	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	•	
	0.2	1 • 1	31.6	39.5	1.3	• 5						1 0.0	. /

TOTAL NUMBER OF OBSERVATIONS

20408

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME

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SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	1.	7.0	1.1								1: • ₹	7.1
HINE	7.	4.2	2.	1.								10.	° • 3
NE	3.	2 • 3	1.6	• é								5.	
ENE	•	2.3	5.2	1.1					<u> </u>	L		7.4	•
	1.7	4.	11.3	2.5	.6						L	20.7	- 1
ESE	•	7.5	f • 1	3.1								12.5	a.4
SE	· ·	1.3	2.3									2	• 6
356	•	• /	• 7						L	Ĺ	l	1.	3.6
\$	• '	• <u>₹</u>										1.3	. 8
\$5W	•	• *	• ?	. 3		•	L	L	L	<u> </u>		1.	9. . . ₹
SW	• 1	. 4						<u> </u>	<u> </u>	<u> </u>	<u> </u>	1.5	4.
W\$W	•]	• ts		• 6			<u> </u>	1.	7.				
*	• 1	• *		• +				<u> </u>	<u> </u>	<u> </u>		1.	7
WNW		•	1.3						ļ	<u> </u>	ļ	101	
MW		1.		1."	• 3			<u> </u>	<u> </u>	<u> </u>		3.3	3
NNW	•	1 • 3	2.3	4.5	1.3		<u> </u>	Ĺ		<u> </u>	<u> </u>	0.0	11.1
VARBL								L	<u> </u>	<u> </u>	<u> </u>		
CALM	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2 • 3	
_	1:•4	25.5	37.1	13.7	2 . 3	• 3						1 0.0	

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1~	ens wist. FL	17 m s =	J/`
HOITATE	STATION HARE	YEARS	MONTH
		CLL - CATHER	NOURS (L.S.T.)
		¢LA96	NOURS (L.S.T.)
		CONDITION	
		COND. I ION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	1.	: 5	2.9	.6							1.5	, 4,
NNE	7.11	2.6	7.	1.6								< . 7	. 1
NE	1.	•	7.	2.3								10."	7.0
ENE	7.3	3.	5.1	1.								13.2	<u> </u>
E	,	3.5	•									17.2	7,7
252	•	• *		3.6	• 3							:1.3	• •
SE.	• 1	1.	3 • 3	• *						L		5 • 3	7.5
358	•	• 1										1.0	. 3
5		•	1.	1."								2.3	C
SSW		• *	• 7	. 3								1 • ?	
3W_								<u></u>	L			Ll	
WSW	•	• '								<u></u>		• 1	•
w	٠	• 3	• 3									1.^	•
WNW		• 2	• 7	• 6						<u> </u>		1.	3 • •
NW	• :	• f	• t ¹	1.								2 •	9.5
NHW	1.	1.3	1.7		1.4				L	<u></u>		•	10.0
VARSL													
CALM	$\searrow \langle$	$>\!\!<$	$>\!\!<$	\times	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	1.5	
	11.	21.7	48.0	20.0	2.6]			1 6.	,

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 "	HEY WEST, FI		JA
STATION	STATION HAME	YEARS	HOHTH
		ALL TEATHER	. sit
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	40 · 55	≥56	%	MEAN WIND SPEED
N	•	1. '	1, 4	7,5	.6							10.	7.7
NNE	. 1	3.2	•	3.7	. 4	•						13.1	. ?
NE	1.	7.0	4	1.9	^^							10.	7
ENE	1 - 1	2.	4.3	1.5	•							6.9	7
E	•	2.7		3.€	• 3							13.	٤٠٤
ESE	•	1	4.7	3 • ₽	•1							5.6	~ · '
SE	۰۰	1.1	2.	1.8	•							j, ⊕ l4	P . *
SSE	• ?	•	1.4	• 7	•							3.2	• 3
\$	• 7	•	1.7	1.5	•							4.3	•
\$\$W	• 2		• **	7.	. 1	•						7.	• 6
SW	• "	• 3	. 4	• 5	• 1							1.5	2
WSW	•	• 5		• 3				l				• •	7.
w	•	• 3	• 1									1.2	, 0
WNW	•	• <	• 1	• 1	• 1							1.5	7.
NW		• f.	•	۹ .	• 2	• 1						2.1	10.3
NNW	• A	•	1.6	2.2	. 6	• 1						• 6	17.5
VARBL													
CALM	><	$>\!\!<$	\times	$>\!\!<$	\times	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq <$	$>\!\!<$	$>\!\!<$	7.0	
	^ . 9	ە• ئار	37.7	26.6	2.7	• 3						1 0.0	2 • 6

TOTAL NUMBER OF DESERVATIONS 24 14

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.	ATT SEST, FE	15 - 87	r _t -
STATION	STATION NAME	YEARS	HTHOM
		TEL SEATHET	• •
		CLASS	NOURS (LS T
	-	COMPLYION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	4 . 3	٠,	3.2	1.4							• '	• '
NNE	• 1	. 7	7.0	2 • 1								11.	7.1
NE	1 • •	3.	4.7	1.1	• 7							11.	• •
ENE	• 7		1.0	1.4	• 14							`. A	. 7
ŧ	• 1	2.	2•"	2.5	. f4					L		• \$	
ESE	• 1	1.4	7.1	1.	. 4							. 7	. 0
SE	• 1	1.4	4.3	2.1	. 4								
SSE		1.	1.6	1.4									• (
\$	•	• 4	•	• 6								1 - 4	•
SSW			•									•	1^.
5W	• •						[L		•	•
WSW	•	• 7										1.	- S .
w			•	• 4								• '	11.
WNW	1	•	1.1	1.1								; • s	• •
NW	•		2 • "	. 4	. 4							3.	_ • 1.
NHW	1.1	1.	1.'	2.5	. 4							7 • 3	•
VARSL													
CALM	\times	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	7 • €	
	• 7	27.0	31.	Z()•9	4.3							1 C.	• £

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	5 <u>7 (</u> 11 5 7) F1	214.47		٠ [
STATION	STATION MARK		YEARS	MONTH
		ILL SEATHER		
		CLASS		HOURS (L.S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N_		₹•*	1	7.1	. 7	.						13.	7.1
MME		, , , , , , , , , , , , , , , , , , ,	7	رن * روا ان * ا								14.2	. 7
NE	1.	1, 9	4 .	, • °								1 ?	7.6
ENE	1.	2.	7.1	• 7								7.4	
E		_ ?•1	3.2	1.4					L			• .	7.
ESE	1.		1.	1.5	• 7							5.	7.
SE		7	2.1	2 • 1									• t
SSE	• 7	1 •	2.5	1.4	• 6			1			Ţ		• 3
\$		1 • 1	•	1 • 4							Ι	3.2	• 3
SSW		• 7	• 1,									1	۲, •
SW		•	1.1									1.4	1 . 7
W5W		1.1	_ 4									1.	•
w			•									1	4.3
WNW		•		a ta								1.1	٠.:
NW		1.1	1.	• 7								3.5	
NNW	•	1.5	1.4	3.2		• 4						7	10.3
VARBL													
CALM	$\supset <$	$>\!\!<$	\times	> <	\times	\ge	\times	\geq	\geq	\geq	><	7•.3	
	1 3	• 2	33.	23.F	7.1	• "						1 0.0	. 1

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	1.1	3.7	1.	4							. 7	7.
NNE	•]	•	7.44	4.6	1.1					I		17.7	9.1
NE	٠,٠		٠,٠	7.2			Ĺ						٠,
ENE	1 • 1	2•€	4.7	-								•	7.5
E	• "	1.	1.4	1.4									7.5
ESE	• 1	• 4	3.0	1."	. 4							• 7	٠. , ٧
SE		• '	2.	1.1								4.6	• "
SSE	1	• 1	1 • !	. 4								3.	7.
5		•	2.	2.5								· •	1.
SSW	•	• 4	• 4	. 4		_						1.	5.5
SW	•	• 4	• 7									1.	ۥ2
WSW		•										•	•
w		1.1	• 4	• 4									• !
WNW	• "		• •									: • 1	4.
NW	• "	• 7	1.1	1.4	. 4							•	17.
NNW	• •	• 7	7.0	2.1	• 7							•	1.7.
VARBL													
CALM	$\supset \subset$	$>\!\!<$	> <	> <	\times	> <	> <	$\supset <$	$\supset <$	> <	$\supset <$	•	
	• 1	23.	36.0	22.0	2.5							1 5.	•

TOTAL NUMBER OF OBSERVATIONS

571 2857, FL

STATION NAME

65.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LL VEATHET SPEED (KNTS) DIR. MEAN 7 - 10 1.3 11 - 16 17 - 21 22 - 27 48 - 55 ≥ 56 WIND N NNE 5. 4. . . 1. NE ī <u>.</u> 1.4 , J • E 2.1 . 4 SE \$5E 1.4 4.3 5 2.5 3. 1.1 SSW SW 1.1 2.1 WSW w • ` . 4 2.1 WNW NW 1.5.1 NNW VARBL

TOTAL NUMBER OF OBSERVATIONS

1 0.

SMOS

CALM

10

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					Ci	A\$\$						Houss	1 (L S T
	_				con	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•	- 1	! . ?	• "						<u></u>	. 6	
NNE		• 7										1+•	• '
NE	•	•	•	•	. 7							, , ,	11.
ENE	•		. !	. 4	. 7							7.	
E		• 7	3.	4 . 7	• i.	• -						•	1.
ESE		•	?•	ε	• 4							•	11.
SE		•	-	2.1	. 4							•	1 .
SSE		•	1.	2.1								- • 1	1 .
5		• 1	4	7.								• 1.	•
SSW		•	7.7	1.1								4.6	
SW				• "								•	11.
WSW			•	1.1								i •	1 •
w				•								•	1 •
WNW			•									• •	•
NW	•	• '	1.	1 • 4	. 4							•	1 . •
			7 4	, ,			1	7					

TOTAL NUMBER OF OSSERVATIONS

VARBL CALM

6.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1		1.77 = 3.77		₹{*
STATION	STATION NAME		YEARS	MONTH
		LL CATHE		
		CLASS		HOURS (L S T :
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
×		5.	5.	9 . 7	1_• 4				Ì			14.	÷.∢
NNE		•	•	1.5	. 4							10.	•
NE	ļ	1.	٥,٠٤	7 • "								•	
ENE		•	•	1.1	• 7							•	12.
E		• 7	1.7	7.8	1.0							. 7 .	11.2
ESE		•	: • 3	2.0	. 4							•	1 .
SE	•	1 •	1 • •	1 • 1								4 .	7 . F
SSE		₹•	2•	. 4								5.	ر . 7
\$	•	1.1	?•"	• 7								4.	7.1
ssw		. ,	1.1									<u>.</u>	
sw		•		. 7								. •	11.0
WSW			1.	. 4								1.	•
w	•		•	• 7								1 •	: , :
WNW	• •	• "	• •	• 7								. •	7.4
NW		7.1	•	1.1	u							17	12.1
NNW	•	1.	4	7.								9	
VARBL													
CALM	\times	imes	\times	$>\!\!<$	><	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	><	>>	•	
		30°	41.5	2 - 4	° • 3							: 0.	•

TOTAL NUMBER OF OBSERVATIONS

120

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	Strong St. Fil	₹ → 35 (*)		# € °
STATION	STATION HAME		YEARS	MONTH
		EL EXTUES		1
		CLA96		HOURS (L.S.T.)
		COMPLTION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	٠. •	1 . 7	7.0	. 4							13.1	• (
NNE	1.	7.	6.	. 7	• 4							7.6	• 1
NE	• !	2.1	2.1	. 4								•	1
ENE	• 1	7.1	₹.	7 • €	. 4							10.	ž .
E	•	4 • 3	7.1	3 • 5	• 4							• 1	*
ESE	• "	7.	5, •	2 • €	. 7							12.4	•
SE	• !	1 • 1	e fa		. (4							2.	٠.
SSE	•	1.1		• 4.								1.	: • .
5	•	• 1	,		. 41							1.4	•
SSW	•		• 1									•	•
SW			•									- 4	•
wsw		•	• `									1.	. • 1
w		· • 1	1.1		• 4							3.	7.8
WNW		• '	•	. 4								1.5	• :
NW	1 • 1	1.4	2.1	1.1	. 4							6.	.,
NNW	•	1.4	•	7 • ?								3.0	• .
VARSL												1	
CALM	$>\!\!<$	$>\!\!<$	\times	><	\ge	><	>>	$\geq \leq$	\times	\times	\times	2.	
	•	• 1	31.0	19.5	3.€							1 0.0	•

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	i.	?•	5.1	2.	.?							1.•	
NNE	. 1	4 . 7	7."	1.1	1.1							11.	. 7
NE	7 • 1	1.	7.0	2.1								1.5	•
ENE	1.	2.1	7.1	1.5								12.4	
£	1 • 1	•_^	۲ ۵	2 • ℃	•							. 9	. !
ESE		2 •		3.0								11.	• :
SE	• •	1.	• 7	1 • 4								4 6 3	7,0
SSE		1.1	A . A	. 7								•	•
5			•	• 4								•	₹.
\$5W_		•										• '	1 . 5
sw	•			•								•	,,
WSW												• 1	٠.٠
w	_ • :	•	• 7									2.	1 .
WNW	•		1.									1 -	7.4
NW	• 1	1 • 4	1.4	1.4								•	P • 1
NNW	•	1.4	7 ,	2.4	7								1 • •
VARBL													
CALM	><	><	\times	\times	><	><	> <	$\geq <$	><	><	$>\!\!<$	3.0	
	17.	20.2	37.0	22.0	2.5		. 4					1 0.7	• !

OTAL NUMBER OF OBSERVATIONS

1. G.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION HARE

LL FATHER

CLASS

HOURS (LSY)

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	•		7.3		• 1						15.	· . 3
HHE				7.1	. 4	•			L			13.3	• 6
NE	1.7		2.7	2•€								10.	• .*
ENE	•	1		1.3	• 3							7.7	• •
E	•	1.	Le ofi	7 . 3	. 4	•						10.7	• 7
ESE	•	1.5	₹. *	?•′	. 4							• •	•
SE	•	1.1	7.1	1.5	• 2							· · · · ·	• • :.
SSE	•	1.7	1."	1.	• ^							u • 1	• 2
\$	•	•	1.7	1.4	• 1							4.	. 3
SSW	• 1	•	• 0	• 3		•			1	{		7.1	•
SW		• 1	۵٠	• :	• 1							•	
WSW	• 1	• 4		• 2								1.4	• 1
w	• 7	• *	•	• 3	• 1		•					1.	7.7
WWW	•	• 3	• 7	. 6	•	• ′						1.0	¥ . 9
NW	• 4	•	1.	1.	• 2							4 •	- 3
NNW	• •	1.	7.3	2.5	• 2	•						. • 1	· •
VARSL													
CALM	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	\times	$>\!\!<$	> <	\geq	$\geq \leq$	$\geq <$	7.	
	7,7	71.9	30.0	25.8	1.3	• 7	•					1 '0.7	• •

TOTAL NUMBER OF OBSERVATIONS

25

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	ATT AFST, FL	7 - 47	*** \$
STATION	SHAM HOITATS	YEARS	MONTH
		!	
		CLASS	HOURS (L.S.T.)
		CONDITION	•

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥54	*	MEAN WIND SPEED
N	•	7.0		1.6	•								•"
NNE	•	1.4	1.0	, ř.,								7.	6.5
Nē	2.	1.0	1.	1.					<u> </u>			7.4	
ENE		•	•	1.6			Ĺ		L			7.7	*•€
E .	1.		5 • €	5.1				<u></u>				1 .5	•
ESE	1.	₹.5	6.1	3.7	• 4				L		<u> </u>	15.5	8.1
SE	Ţ.	7.	7.2	3.0				L				12.2	. 7
SSE		1.	4 . 5	2.6							ļ	•	3
8	•	1.7	1.7	• 3	• 3							3.	7.8
55W			•						ļ	Ĺ		1.	11.3
SW	• `		• *	• 3			<u> </u>					1.	
WSW			• 4.						ļ	ļ		1.	•
W	• 1	• 3	• 7	. 7			L	L				1.3	6.5
WNW	•	_1.			• ?		<u> </u>		<u> </u>			7.3	. 7
NW	٠, ١	• 3						 _		L		1.0	7.3
NNW			2.3	1.		L	ļ			ļ			1
VARBL							<u></u>						
CALM	> <	$>\!\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	٠,	المناس المساو
	13.3	23.0	34.5	24.5	3,5				1]	1 0.0	f • 1

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	▶15 (EST, FE	73-72		₩ £ 1
STATION	STATION NAME		YEARS	MORTH
		"LL GEATHER		1.
		CLASE		HOURS (L.S.Y.)
		CONSTIGN	 	
				

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	!.	2.47	1.9	• 3							7 • 1	7 . *
NNE	1.	1.	1.	1.								•)	₹ • 9
NE	7	7.3	3.0	1.3								3.0	7.
EME	•	2.3	2.4	• 6								5•	5.
E	1 • 2		F									14.5	• "
ESE	1.	2.0	4 . 5	2.3				L		L		10.	7.5
SE	1.	2 • *	5.*	6.05	. 6							16.5	٦,٠
\$\$E	•	1.	2.6	2.9	. 7					<u> </u>		2 • 4	4.5
	• 1	1 . 3	?.	1.0								4.02	• • •
\$5W	• 1		! •	1.3								7.	13.9
SW		•	7								<u> </u>	•	t. •
WSW		• *	• 7							Ĺ		1.	•
w	• '	1.		• *		<u> </u>						1.	•
WNW			• `									•€	• •
NW	• 7		1 • ₹						<u> </u>		ļ	7.1	* . 3
NNW		1.	1.	1.4				<u></u>	L	L	L	3.5	
VARBL									<u> </u>	L		 	
CALM	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	><	><	> <	4.	
	10.3	27.4	36.5	26.5	1.7							1 0.0	• **

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	/? = 9.0	MONTH
••••		CLA FATHE	NOURS (6.5.T.)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• ^	1.		1.6									7,8
NNE	•	l• '	1.6	2.3								5.	€ • •
NE	1.	3. 7	3.5	7.7				{				11.*	• 3
ENE	•	1.	5.0	1.								6.6	7.3
E	•	2.3	₹•	4.7	. 4							11.	•
ESE	•	1.0	* . ?	1.	• 6							- 4	4
SE		3, 7	K . E	5.07								1 t- • 1	5.9
SSE	! • *	1.	1.	3.7	• 3							,•4	ې د
3	1.	2.3	3.5	1.3	• *							4	`.8
SSW	•	• 7	1.	• 3								2.3	7
SW		•	•	. 6	. 3							7.6	• 5
WSW		•										• "	4.
W			•	• 5	7							1.	?•5
WNW	- ?	• 3	• 7	• 3								1.3	7.
NW	• 7	• 7	• /						ļ			1.	7.3
NNW		•		• 4								3.3	• 3
VARBL													
CALM	$\supset \subset$	$>\!\!<$	\mathbb{X}	$>\!\!<$	>>	>>	$\supset \subset$		$\supset \subset$	$\supset <$	>>	•	
	10.7	21.7	30.5	76.1	2.6							10.7	• 1

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			2.3	1.1								4.	
NNE		1.2	4.7	2.3								•	7.
NE		•	3 6	2.3	3							6.	10.2
ENE	• '	1.	1.	2.3	3							5.	10.1
E			7.7	6.0	. 6							10.	12.4
ESE		1 • 6	5.	6.1	• 3							14.2	10.3
ŞĒ	•	<u> </u>	6.6	6.5								15.	Ç. 1
SSE	• 7	1.	3.0	4.2	. 3							10.6	• f
5		•	4.2	₹.6	• 3	• 7						8 . 1	10.
SSW		•	1.	• 6:								1.	•
SW		•	1.4	• 3								2 • 3	7.
WSW				1 • '								i•	12.
W	L	•	• *	. 6								1.	17.0
WNW		• `	• 3	- 3		• •						1.3	12.
NW	• 1	• :	• •	1.3								2.6	· • .
NNW		• 7	1.	1.3								3,6	· • 3
VARM													
CALM	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!\!<$	$>\!\!<$	$\geq \!$	$>\!\!<$	$\geq <$	$>\!\!<$	\searrow	• '	
	7.3	17.	41.4	40.n	2.3	• 6						1 0.0	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION HAME

LL LEATOLT

GLASS

HOURS (LST.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	1.	7.4	7.6								7	<u>-</u>
NNE		•	14	1.3									c.;
NE			1.4	· ts								?•	÷ . 9
ENE			•	1.	. 3							. •	1
E		1.		. 4	1.3	٦ .						14.	12.
ESE		• 7	• 1	2.7	1.3					l		17.	11.4
ŞĒ		7 . 3	5.2	5.5	• 3							14.7	10.7
SSE		1.5	6.1	3.5	. 3							:1.6	. ;
\$	• 1	1.	4.5	1.	3			<u> </u>		Ĺ		•	
\$5W			1.	• 4								1.	10.7
sw		_ •	1.3	7.				<u> </u>					• ?
WSW			•	. 3	. 3					Ĺ <u>.</u>		1.	12.
w	•	• 3		. 3	3							1.4	9.5
WNW			1.3	• #				<u> </u>	Ĺ	L			2.0
NW				. 3	_ 3							1.6	11.9
NHW	•	1.7	1.	1 • 3	. 1.							4.	٠,٠
VARSL									L				
CALM	\times	$>\!\!<$	>>	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\searrow	•	
	. • '	12.1	40.6	30.4	5.5	• 3						1 0.6	10.1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 23	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
×	•	2.6	7.7	1.									1 . 3
NNE	• 1	1.0	2 • 3	• 3								•	1.1
NE			1.	• ?	. 3				L			1.	11.2
ENE			• *	• E	• 3							1 •	1 .
		• 7	3	1 • 6	2.6	• 7					Ĭ	: • •	1 - 1
£\$£		1.3	• 1	7.4	1.7							1	11.
SE		3 • 7	• 1	.	. 3							•	۵.0
SSE	•	2 . *-	2.3	• 6					L	Ĺ		E •	1
	•	?∙3	ĵ.	• 3								5.	• •
SSW	٦.	1.	7										4,4
SW.	• "			1.								1.4	• 1
wsw				• fs	. 6							1 •	1
w		• '	• 4	• 3								1. '	•
WNW		•	1.02	1.*								3.5	• (
NW		•	• 1	• 3	_ 3				Ĺ <u>.</u>		<u> </u>	1.	
NNW	• 7	1.	•	1.6	_ 3							• •	5.7
VARBL													
CALM	$>\!\!<$	$>\!\!<$	\times	$>\!\!<$	> <	$>\!\!<$	$>\!\!<$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
	• 7	120	40.3	30.6	-1	• 3						1 0.7	. ?

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	A 1 7 (57. F)	:; = ≎.		•
HOITATE	STATION MAME		YEARS	MONTH
		LL FAT 12		Ť
	<u>-</u>	CLASS.		HOURS (L S T.
	-	COMPITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	ر. •	I • C	1.	• 3							6.	7.
NNE	•	1.	1.							I			,
NE		•	l. '	• ?						<u></u>		2.	'••
ENE	•	•	3 - 3	2.6					<u></u>			•	1.
E		्र च	12.	1.6	1 . "		L					'C • 3	, ,
ese	•	4.2	•	4 📲)(• T	• •
SE	•	3.	1.	1.3								7.7	6.
SSE	•	•	• 4	1.:			<u> </u>					2.3	. 9
\$		•										•	4.
SSW			• `									• 7	•
SW	•		• *									•	•
WSW		•	• 1	• 6								1.	1 7 • 1
W		' •			•							1.3	, F
WNW	•		٠,									1.	1.6
NW	•	1.7	2.7	1.	٠ ٦							•	7
NNW		1.	7.	2.6	7.							Y • 1	7.
VARBL										L			
CALM	\boxtimes	>>	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		
		21.0	37.7	25.8	7.2							1 0.0	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	Legit, Fi	• • ≠ x ,		•• •
STATION	STATION NAME		YEARS	MONTH
		'LL EAT (E		2
		CLASS		HOURS (L S T
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•_	1.7		· ·								5.	- ; .
NNE	l.	• 4.	1.									• .	• 1
NE	•	1.	1.	• ó									7
ENE	3.0	1.	₹.5	1.6								• !	
£	1.5	7.4	7.1	11.	1.3							• 1	•
ESE	•	'4 • ?	٠ . د	14 .	1.7							1. • •	• •
SE	1.	2 • 3] • *	2.5	• 3								
SSE	•	• •	1.	• 1								3.	٠ ﴿
\$		•		1.								1.	1
\$5W													
sw		•	• *									1 -	. 7
wsw		•		•								1.5	6.
w	•	• 3	• /									1.	٠.
WNW			•									1 • 1	•
NW	•_	1.	7.	•	•							•	. 7
NNW			١.	1 • 6								3.	1. •
VARBL													
CALM	$\supset <$	\times	\times	$>\!\!<$	$>\!\!<$	\times	><	><		$>\!\!<$	> <	•	
		72.3	35.0	2/ . 1	7.0							ı c.	•

TOTAL NUMBER OF OBSERVATIONS

SMOS

والمهار والمهار المقسمة المحمدة

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2.4

	-				:LL	CA 1E							L
	-				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA! WINE SPEEL
N		1.	7.	1.	•					1		.:	
NNE		1.	. , 7	1.									,
NE		1.	7.7	1.2	• !							5.	
ENE	•	1.7		1.4	• 1							•	
E	•		٤ , ٤,	7.5	• ^	• 1						.7.	1
ESE	•	•	ŧ.	4 <u>.</u> ^	, c							• 5	
SE	•	₹ •	4.	4.6	. 4							13.	
SSE	•	1.7		7.3	• 7							•	
5	•	1.7	2.4	1.	. ?	•							
SSW	•	_ • '	• 1									1 .	
SW	• 1	• 7	• !	• •								1.4	
wsw		•	•	۴,	• 1							1 • i	1
w	•	•	• '		•							1.5	!
WNW	•	• 1	•	. 4		•						1.	
NW	•	•	1.7										
NNW	• 7	•		1."	1							4.4	
V4884								1	T	T 1		I	

SMOS

170.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L S T

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	•	•		1.7			<u> </u>						
NNE		•	1.									•	
NE		^ • *		1.								• '	
ENE		•	•	•			_					•	
E	•	7.7	_ •	• 1	1.	• 7						•	
ESE	•	•								i		7	1
SE			•									1.	
SSE		1.										• 7	
\$		•	7.	7								•	1
SSW			•		• 7							•	
SW		•										•	-
wsw		1.										1 •	
w			•									•	
WNW		•	•										
NW		•	• 1										
NNW	•	•	1.	•									
VARBL													1
CALM	> <	$\supset <$	><	$\supset \subset$	\times	> <	><	><		$\supset <$	><	•	
T		1 . 7	3		· · ·								

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

•	• • • • •	· - ·		ŗ
STATION	STATION HAME		YEARS	MTHOM
		LL GEATER		
		CLA\$\$		HOURS (L S.T
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	•		• 3								ti 💌 📍	•
NNE	! •	•	• 1									•	
NE		7	• 3	1."								1.	٠.
ENE		• 1	• 7	1.								•	•
ŧ		•		•								•	_ 1 ' • '
ESE		1.	7.7	'_•	1.							17.	1.
SE		•	. ~	~ , 7	. 1							1	• 5
SSE		•	(•)										
\$	•	1,	1.7	• "									
SSW			•	i •	• 7								1.
sw		•	. 7	• '								1 •	
wsw													
w			•									•	
WNW	•	•										. •	•
NW	•	•										• 3	5.7
NNW				•								i •	• *
VARBL													
CALM		>>	\times	><	X	><	$\geq <$	$\geq \leq$	$\geq <$	$\geq <$	><	•	
	: " • "		31.	77.0								1 5.	

TOTAL NUMBER OF OBSERVATIONS

SMOS

1:

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.21-1

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	•	• `	• **								٠,	•
NNE		2 •	7.	• •								•	• '
NE	• 3	,	•									•	٠,
ENE	l •	~ 7	7.	<u></u>								•	•
£		٠٠	•	5.	1.3							•	1 .
ESE		1.			1.7							ე•	11.
SE		. •	4.	_ ~ ₹	• 7							11.7	•
SSE	1 •	! •	^ • T	3.								y • *	7.
5	•	•	. •	1.	. 7							и.	•
SSW		1.	•	1 • 7								7.	•
SW			•	• 7								1 • *	•
WSW	•	•	_ • ~	• 7								i •	•
w													
WNW			•									1 •	•
NW		•	•									1 •	•
NNW		• 1	•	1.								2.3	
VARBL													
CALM	\times	\times	\times	$>\!\!<$	> <	><	><	$\triangleright <$	><	><	><	•	
	:1.7		50.	79 . 3								1 6.	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

EL HAF HOURS (L.S.T.

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.	! •	1.7								3.5	•
NNE	•		2 .	₹.		• 1						•	1 .
NE	•	1.	7. 7	,								7.7	9. ?
ENE		• '		5.7	. 7							F .	11.4
E		ે ₹	4.7	1 -	4.3	• ?						2.	12.
ESE	•	1.	3.*	4.7	. 7			Ĺ				10.3	1 " •
SE			•	4.3	. 3							•	11.1
SSE	• 7	1.	3.	5.	1.7					l		1.	1 • 1
5		¹ •	3.	1.3								• '	•
S5W			1.7	• 7	1.							4.	9.7
SW			•	• 7								1.	11.
wsw_			•	• "								1.	
w		• "	• `									1 • 3	<u> </u>
WNW		•	•									1.	. 7
NW	• 1	• 7	• 7									1.0	•_
NNW	L		•				_					1.3	•
VARBI.										L			
CALM	$>\!\!<$	> <	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	• 1	
	7	1 7 • 0	33.7	41.0	3	, 7						10.7	1

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

22 - 45

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		_1.7	÷	1.	•							•	ب و ۲
NNE		•	i	1.3								5.	٧.,
NE	•	• 7	•	1.7	7.							• 5	11.1
ENE		•	1.	2.	. 7							4 .	1 7 • 3
E		•	(. • *	15.7	1.7							5.	1 •)
ESE		•	ti . ~	/ * ₹	2.3							16 •	12.
SE	•	1.	4.	- 2								10.0	1
SSE		1.	7.0	3.7					T				•
\$	1.	• "	7.	2.						T		•	ŭ.,
SSW	T	• '	1.7	• ?								.2 • 3	•
SW	1	•	•	• :	• ,				T		1	. • ₹	11.4
WSW	1	•	• 1	1.7	, ?							• 3	1
w	1	•	•	• 7								1.	¢,
WNW	1	•	• 3	• 7								1.0	•
NW	1	• "	1.	•								. • `	• •
NNW	•	1.7	•									•	
VARBL													
CALM	\boxtimes	\times	\times	\times	\ge	\times	$\geq \leq$	\times	$\geq \leq$	\geq	>>	•	
		11.7	35 • 3	42.3								7 0.1	1 .

TOTAL NUMBER OF OBSERVATIONS

1;

G.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	ASS VEST, FE	7 - - 7		· p
STATION	EMAN MOITATE		YEARS	MONTH
		TEL SEATHER		1
		CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 · 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		`• :	4.	1.								· • *	•
NNE	•	1.7	7.	1.								' • !	7.5
NE		•										• '	• *
ENE			•	1.								•	14.
E		2.	7.3	16.0	5.0	, ?							17.4
ESE	•	2.	9.7	7.0	1.!							0.3	12.5
SE	• 1	1.	7	3.7								17.3	, د
SSE	• `	1.7	1.7	1.3								4 . ~	v • 1
\$	• "	2•*	• 3									• 2	4 . 5
SSW		•	1.									1 • '	7.
sw								L				1.0	<u> </u>
WSW		•	_ • 7	• 1		• :						1•	15.0
w		• '	1.7	•								· · · ·	٠. •
WNW	• 7		1.	1.								7.7	9.6
NW		•	1 • 7	*								2 • 3	`•3
NNW	•	• 7	1.3	• 2								2 • 3	• i
VARBL													
CALM	><	$>\!\!<$	$>\!\!<\!\!<$	$>\!\!<$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	• 1	
	-,,	16.7	35.3	'	7,7							1 0.0	17.6

MALI MILMARA OR CARROLATIONS	

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	1 157. Ft			.: F
STATION	STATION NAME		YEARS	MONTH
		LE EATHE		1
		ELASS		HOURS (LST

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	7.7	2.7	1.	• 3							. 7	•
NNE	1.0	• "	• "									. • 3	5.0
NE		• "	1.					I					2 • 3
ENE		•	1.7		. 7							7.	11.6
E	• 1		11.3	17.3	3.							,	11.
ESE		F . 3	7.7		. 1							.1.3	- 7
SE	`•		1	•								• 3	• *
SSE	•	• ~	• "	1.								2.3	e t
5													
SSW		•										•	9.
SW			•						I			•	
WSW		•	. 7									•	•
w		• 3	• 7	•	• 3				Ĺ			`•	. ,
WNW			! • [^]	• 3								3 • *	
NW	• 1	2 . 3		•								t) 🏚	
NNW		1.7	•	•					L			3.3	٠.
VARSL													
CALM	$\triangleright\!$	$\supset <$	\times	$>\!\!<$	\times	$>\!\!<$	\ge	\times	$\triangleright <$	\times	><	7	
		19.7	31.0	34.D	6.3							1 0	. :

TOTAL NUMBER OF ORSERVATIONS

. FST, F!

SURFACE WINDS

S.P.

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

						EATHER D						HOURS	<u> </u>
					COM	BITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.	1. 7	2.3									•
NNE	1.	2.3	1.									4.	٠,٠
NE	1.	1.	•									• ₹	· .
ENE	• 1	1.	6 3	5.7								17.7	
E	•	7 • 3	1.2	12.7	2.							• 2	11.
ESE	•	1.	₽.		7							: 7.	· ·
SE	•	? •	₹.*	2.7								/ · '	· ,
SSE	•			• 7								• 7	
\$	•											1.	ii .
SSW					,							•	15.
SW									l	<u> </u>			
146744							i	(1	1	I	1	

TOTAL NUMBER OF OBSERVATIONS

WNW

CALM

34.

31.3

G.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	1.	7.1	1.7	• ?							• 5	٠.
NNE	• `	1 • 2	?•	1.2	• "	•						• 1	3 ⋅
NE	•	Ç.	1 2	1.1	• 1							• • 7	7.
ENE	•	1.5	7.	7.2	• 3							• 1	•
£	•	2.	t 7	11.2	?. 7	• ?						77.	11.
ESE	•	1.0		b • ′	1.2							1, 0	1.
SE		1.	4.	3.7	• 2							10.0	
\$\$8	. 1	1.	2.	2.4	• 2							7.	Ÿ.
\$	•	• 3	1."	• 7	•							3 .	ö.
SSW	•	•	• '	• [. 3							1	
SW	•	١,	• 7	• ?	• 1							1.1	•
WSW	•	٠, ٢	• 7	• 3	•	• -		i				1.7	•
w	• 1	,		• 7								1.2	
WNW	•	•	.7	• 2								1.	7.
NW	•	•	1.1	• 3								2.	7.
NNW	•	• 7	• `	• *]				2.4	· ·
VARSL										i			
CALM		\times	\mathbb{N}	$>\!\!<$	> <	\times	><		> <	> <	> <		
	٠, 7	1'.7	37.0	33.2	· . u							1 C.:	

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	HEN EST. FL	17 = 971		• • •
STATION	STATION HAME		YEARS	MONTH
		TEL EATRE		•
	 	CLASS		HOURS (L.S.T
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1 • 2										1.	٧.
NNE	! •	1.7										• 1	4.1
NE	•	1.	1.0	 ₺ 								•	7.1
ENE	1.	2 • 3	7	1.6								•	•
E		7 • 3	1.1	4.3	. 3							11.7	₹•€
ESE		٦ و ١	6.	4 . 5		•						1	. • 1
SE	1.7	7.	6.	1.	• 6							13.	7.0
SSE	1.	3.1	4.7	1.7								10.3	•
5		1.	1.	1.3				L				•	P • 7
SSW	•	. 7		• 3	3							0.3	• 1
sw								L				1 •	•
wsw		1.								<u> </u>		1.	•
w	•									L		• `	
WNW												•	• •
NW	•	1.	1.7						<u> </u>				٠ . ا
NNW	<u> </u>	•	• 7							<u> </u>		1 •	4.
VARBL								L		LI			
CALM	><	$>\!\!<$	\times	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	><	$\geq \leq$		><	7 . 7	
	1 .	37.7	34.7	15.3	1.3	. 3						1 0.0	t •

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS LL FATHET

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
Н	•	1.	• 7									i •	
NNE			• ?									1.	• "
NE	?•	3.5	1.	• 3				<u></u>	<u> </u>	<u></u>		•	į i.
ENE	1.0	1.7	3 • *	• 6								•	7.7
E	1.	1 • *	7.0	1.5	• 6							•	•
ESE	1.	4.2	4	7.02								13.	7 . 15
SE		€ • 1	5.	2.3	. *							1 7 • 1	7 • 1
SSE	₹.	2.	4,5	2.5								1 3	7.
5	•	1 • "	2 • 7	2.6					ļ	<u> </u>		£ •	
\$5W	•	• •	1.						ļ	ļ		2.3	** •
\$W	•	1.	• •	• 3								•	
WSW	1.	1.	• 3		ļ				ļ			<u>: • </u>	• '
w		•	• ;					ļ	ļ	ļ		<u> </u>	
WNW					<u></u>				ļ			1.	4, 6
NW_		1.	•					}		ļ		1	
MMM	<u> </u>	,,,										2.0	4.
VARM			<u></u>					_		_		 	
CALM	> <	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	7	
	1 - 4	27.4	74.5	14.2	1.0							1.5.	•

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				LL	LASS						HOURS	LLST
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
×	•		^ • . .	• 7							-	•	
NNE		1.	• 1	• ?									٠.
NE	,		₹.4	1.								•	: •
ENE	l.	1.	4.	1.								•	•
E		1.	7."	1.								•	
ESE	1.7	٦.	۶ و به									1. • 3	•
SE	. •	4.0	. 5	7,7								13.	7.
SSE		4.5	•	1.7	. ?							13.	* •
5	1.	7.3		1.5	• 5							• •	
ssw		1.	• 4									3.	
SW	•	1 . 5	• 1									•	
WSW	•	•	1 •										
*	•						l - L					•	· .
WNW												•	٠.
NW		<u> </u>	! •									1.	
NNW	•	! •								L		1.1	. •
VARBL		1											
CALM		\searrow	\searrow	\searrow							<i></i>	• •	

TOTAL NUMBER OF OBSERVATIONS

13.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L S T

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	?•	1	• 3								. •	• :
NNE	•	_ 1	3.	1.7								•	7./
NE			1 • •	1.0								4	•
ENE	•		1.	₹•₹								•	11.1
E		1.		4. *	1.							10.	11.
ESE	•	3. € 5	7.	۲ , ۲	• +							14.5	• .
\$E	•	3.	ۥ`	2.5								13.1	• .
SSE	1.7	4.	€ .	2.€	. 6								7, ,
\$	•	? • ₹	6.4	1 • 4	• 6							1.	5.
SSW	•	1 • *	1.4									3.	∴ •_
SW		1.	7 •									. •	•
WSW			• 1									1.	•
W		` • ·		• (1 •	7.
WNW		! •										1.	•
NW		•	1.									1.7	` _
NNW]	• 3	1.									:•	7.
VARBL													
CALM	$\triangleright \langle$	\times	\times	\times	\times	><	><	><	><	\times	\times	· •	
		77.4	3 1 • 1	24.7	2.5							1 5.	

TOTAL NUMBER OF OBSERVATIONS

15.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Γ														
Γ							ASS							1
Γ						£.r	ASS						HOURS	(L S T
Γ		-				соні	DITION							
ļ	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. *	MEAN WIND SPEED
	N			· • ·							:1		•	
Γ	NNE	•	! •		•								• *	
	NE		1.		1.7								7.	•
	ENE		•		•	. 7							. •	1. •
Г	E		•	•	1 •	1.							` •	1 .
Γ	ESE		٠.	•	6.5	1.							•	.
Γ	SE		1 •	7.0	2.1								1 •	•
Γ	SSE		•	, , ,	2.3								1.7.	
	\$	1.		• !									1 .	•
Г	SSW		2. ′		• 1								•	•
	sw	•	•	: •										:
L	WSW												1.	
L	W			• "									•	•
	WNW			•									1.0	
	NW				•								1.	
	NNW	•	1.	1.				L		Ĺ			• ?	
	VARBL													
	CALM						\							

TOTAL NUMBER OF OBSERVATIONS

SMOS

i.

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WIND

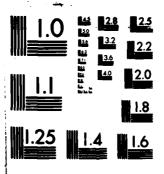
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION HAME 1.8 HOURS (L S SPEED (KNTS) DIR. ME WI SPI 1 - 3 7 - 10 11 - 16 ≥ 56 NNE NE ENE ESE SE SSE \$ SSW WSW WNW NW NNW VARBL CALM

TOTAL NUMBER OF OBSERVATIONS

AD	Λ150 4		SUMMARY Key wes Delachm	T FLOR!	DAIUI	GICAL D NAVAL D	IBSERVAT ICEANOGI P. R4	TIONS S	OMMAND	(SMQS)	2	4	
one	LASSILE								f / 0	4/2	HI		
		<u> </u>							<u> </u>				
					1					l			
~													
		_			† – †			_				<u> </u>	-
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										i			
													L

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MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 -	ers sest, FL	: 7 = 9 p		
HOITATE	STATION NAME		YEARS	MONTH
		LL CEATHER		* *
		CLASS		HOURS (L.S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	44 - 55	≥56	%	MEAN WIND SPEED
N	3 • €	2.	, 7.	. 3	• 3							4.	t e
NNE	•		• 3									4.5	4.
ME	•	• 3	• 4				<u> </u>	<u> </u>	<u></u>	L		1.	4.
ENE		1.	1.	2 • 5	• 3			<u> </u>	İ		L	6.	11.
E	• "	3.5	9.	10.4	. 6							24.	10.
ESE	e.	ۥ1	7.7	3.9	• 3							20.5	7.
SE		3.2	1 - c	1.6								5.4	٤.
3\$E	1.0	1."	1.								L	3.	٨.
\$		1.	• 7	• 3						}		2•	5 •
55W			•									• 1	
SW	• 1	• 3										1.7	
WSW		•										,	4,
w		•		. 3						I		• 1	
WWW	1.0	2.3	. 3	• 3								3.:	4,
NW	1.	1.3	1.4									4.5	,
MMW	1.	2.6	2.7									7.1	
VARSL													
CALM	><	> <	\times	\times	> <	$>\!\!<$	$\geq \!$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq <$	4 4	
	13.5	24.7	28.7	21.6	1.6]			1 0.0	7,

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	KT+ WEST, FL	·3- e:		₩ 2 V
STATION	STATION NAME		YEARS	NTHOM
		ILL VEATHER		12
		CLA96		HOURS (L.S.T.)
	· · · · · · · · · · · · · · · · · · ·	COMBITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	20 - 33	34 - 40	41 - 47	46 · 55	≥54	*	MEAN WIND SPEED
N	• ^	1.7	1.	۸.					_			2 • r	£ • :
NNE	. · ·	1.3										2•1	· : •
NE	1.7	1.6	• 6	• 3	. 7							4 • 2	٤.
ENE	• 3	1.	3.5	4.5	- 6							:1."	•
E	1.	2.5	≎.7	8.7	. 3							72.	٥.
ESE	`• 3	4 . 2	ۥ9	4.2								17.4	1.
SE	1.4	2.9		1.9								11.5	7.4
SSE	• 2	2 • 1	2.6		. 3							6.4	7.
8	• "	1.0	1.3	. 3								2.	• •
SSW			• ~	. 6								1.5	13.
\$W	•											•	7.0
WSW		•	. 3									•	* •
w			• 7									•	•
WNW	•	• €	• 7									1.	4 . 1
NW	• 3	1.	1•"	• 3								3.1	6.1
NNW	1.6	1."	• ?									2.4	4.
VARBL													
CALM	\times	$>\!\!<$	$>\!\!<$	$>\!\!<$	\times	><	$>\!\!<$	$>\!\!<$	$\supset <$	\boxtimes	$>\!\!<$	5.	
	13.	23.	33.2	22.3	1.6]				1 0.0	٦,

TOTAL NUMBER OF OSSERVATIONS

PRY WEST, FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_					EATHER LASS							S (LIBITA)
	_				COM	MTION							
SPEED (KNTS) DIR.	1 - 3	4-4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥%	*	MEAN WIND SPEED
N	•	2.1	1.4	. 3	•							4.	€.
MME	• 7	1.	• 7	. 4								7.4	6.
NE	1.1	1.	1.4	. 7	• "							4.	6.
ENE		1.2	7.1	2.	• 2							6.6	٠.
•	• "	1.6	5.3	6.5	1."							11.04	10.
ESE	1.4	3. 4	5.0		• 3	•						16.2	ħ,
\$£	1.	3.0	5.6	1.9	• 1							12.	7.
35E		3 • 5	4.5	1.4	• 2							10.	7.
8	: . 1	1.	3.	1.5	• 2							7.3	7,
SSW	•	1.7	• 1	• 7	1				L				
\$W	• 7	•	. 4									1.	<u> </u>
WSW	• 4	• 6	• "	. 1	•							1.	· ·
		• 3	• 2	- 1								•	5.
WHW	,	•	e 4	. 1								1.	5
NW	• 1		1.	• 1					L			2.	L
NHW		1.3	_• ^									•	5
YARR													

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	FET SEST. FL	7 3 - 9 2		Jes
STATION	STATION NAME		YEARS	MONTH
		ILL VEATHER		1
		CLASS		HOURS (L.S.T.)
	<u>-</u>	COMPLETION		

SPEED (KNITS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
Ņ	• 1	• 3										1.	3.0
NHE							Ž					1.	3.€
NE	• 1	• 3		• 3								2.3	*•1
ENE	1.7	2.3	?•	1.7								7.●	. 3
E		3.7	9.3	3.*								13.7	7.5
282	"• "	6.7	7.	4.00	• 3			<u> </u>				20.€0	3
**	7.7	6.3	3.3	1.0	• ?							13.7	6.3
88E	• 1	ं 3	2.	1.3		• 7			ļ			7.7	7.7
	1.5	3 • 3	2.3	1.	1.0	• 7						9.7	7 • 1
55W		• '	• 7									1.3	•
SW	•	1.3		• "					<u> </u>			7.00	6.4
WW	1.7	• 7	• 3					Ļ	Ļ			: • 3	. 6
W		• '								L		• 3	·r
WWW	<u> </u>	• 3						.	ļ	<u> </u>		1	2.7
NW	1	• 3						<u> </u>		<u> </u>		• 1	4.
MMM		• *						ļ				• `	٠.
VARIOL								<u></u>				, ,	
CALM	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	> <	$>\!\!<$	$>\!\!<$	3.	
	1 7. C	30.	29.7	12.0	1.7	3.0						1 0.0	6.3

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	KEY KEST, FL	13-87	J.·
STATION	STATION MAME	YEARS	MONTH
	<u>_</u>	ALL REATHER	.°€
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	17 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	40 - 55	≥56	%	MEAN WIND SPEED
N	• 1											. 1	2 •
MME	,											•	2.
NE		1.	? • ·	. 7									ň.
ENE		4 . 3	2.3									7.7	(
E	9.6	6.€	4									10.0	4 . 4
ESE	1.7	6.7	6.3	2.								16.7	7 •
SE	7.0	4 • "	5.7	2.3								15.0	7.
SSE	1.7	4.3	1.3	1.^								ຮ	
8	1.7	2.5	3.7	• 3	• 7	. 7						€.7	9.
SSW	1.7	• 7	1."	1.0								4 . 3	6.
SW	1.	• 3	• 3									2.0	7.
W\$W	. 7	1.	. 3	• 3								2.3	5.
w	• 1	• 7		• ?								1.7	F
WNW	• र	• 3	• 3									1.0	4.
NW		• 7										.7	4 .
MMM		1.										1.7	4.
YARR													
CALM	\bowtie	\times	> <	$>\!\!<$	\times	\mathbb{X}	$>\!\!<$	$\supset <$	$\supset \subset$	$\supset <$	\mathbb{X}	10.3	
	: •3	34.0	27.3	9.0	• 7	. 7		[100.0	5.

TOTAL NUMBER OF OSSERVATIONS 1"D

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	RET LEST. FL	7 3-9 0	
STATION	STATION MARK	YEARS	MONTH
		LL REATHER	/ *
		CLASS	HOURS (L.S.T.)
		60M01710M	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	1.0											1.0	1.7
NHE												2.5	2.2
NE	1.	2.	1.3	• 7								£ •	5.7
ENE	?∙"	3 o 1	3 . 3	• 3								£ • 3	5.7
E	3	5.7	1.3	1.5								12.3	' • i
ese	1.7	6.3	6.7	1.3								16.0	1.7
SE	1.	7.7	5.7	• 3								13.7	6.2
388	• 3	3.7	7.	.,7								5.7	<i>h</i> • 1
\$?.7	1.3	4.	• 3	1.7	• 3						10.3	. A
\$8W_	• "	• "	• 3	• 3		[Ĺ			1.	7.0€
\$W	1.7	• 3	1.7					<u> </u>				2.3	6.
WSW	• /	1.	• 3									2.0	4.3
W	• 7	1.				L		L				1.7	
WNW	• 7		• '					L				1.0	3.7
NW	• 7	• 3						L				1.0	3.3
NNW													
YAROL						L	L						
CALM	\times	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$\geq \!$	$\geq \leq$	$\geq <$, 9•0	
	21.3		30.0	4.7	1.7	• 3						1.0.0	5.6

TOTAL NUMBER OF CESSIVATIONS _____

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 25 EST, FL 13-62 YEARS MONTH

ALL REATMET 17

CLASS MONTH CLEST.)

SPEED (KNTS) Dill.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥54	%	MEAN WIND SPEED
N		ζ.,	. 3									3.2	4 . ?
MME	•	1.	7.									(•)	5.5
NE		1.	1.0	3								3.3	5.8
ENE		· 3	3.3	1.0								1.7	7.9
E	• 1	3.0	Ç, ^	5.3								15.7	9.1
ESE	• 7	4.3	6.7	2.3								13.3	• *
SE	• 3	4.3	7.7	. 7								14.	7.1
35E	•	5.0	4.3	1.0								16.7	7.3
\$	1.	4.7	4.3	2.5	• 3	• 3						12.	9.0
SEW	• 7	1.3	1.3	• ?	. 3							4 . 3	7.8
SW		1.	• "									2.	5.
W\$W	• 7	• 7		• 3								7.0	1.5
W	• 7	_ • ~	.7									1.7	5 . 4
WWW	•	• 3										• 7	3.5
HW		. 7	• 3									1.	5.7
MMW		1.						1				1.	4.5
VARBL								<u> </u>					
CALM	\times	\times	\times	$>\!\!<$	\times	\times	\times	\times	\times	\times	\times	1.	
	4 . 3	36.0	40.3	14.7	.7	. 3						1 0.0	7 . 4

TOTAL NUMBER OF OSSERVATIONS / mg

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	859 86 57, F U	73=92		J t, 5
STATION	STATION HAME		YEARS	HORTH
		LL EATHER		1 .
	 	CLA96		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 7	1.7		• 7								3.2	7 • 7
NNE		•	1.	• 3					Ī			2 • 3	•
NE			• 3	• 3						[— —		1.1	• 6
ENE		1.		• 3								2 • 3	`••
	•	• 1	ĥ.	۲.								14.2	• ?
323	• `	2.	9.7	7.7	• 3							20.7	7
SE	• 1	4 •	7.7	• 7								12.	7.3
388	1.	4.	6.7	• 3								12.7	5.1
- \$	1.0	6.3	3.	1.3	1.3	• 3						13.	• 3
SSW	•	2.	1.	.7								4.	6.5
SW			2.	• 7								4.	7.0
WSW		•										• 1	t:
w			•									• "	
WNW		1.0	• 7	• 3									. 3
NW		1.	- 1									1.7	7.0
NNW	• 7	1	. 7			-						2.	6.5
VARSL													
CALM	\times	$>\!\!<$	\times	\times	$>\!\!<$	> <	>>	> <	\times	\times	\times	. • *	
	T. • ₹	29.3	43.7	19.3	_ 1.7	, 3						170.3	• •

TOTAL NUMBER OF OSSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	RTY EST. FL		J 、
STATION	STATION NAME	YEARS	MONTH
	· · · · · · · · · · · · · · · · · · ·	LL WEATHER	1.1
		CLASS.	HOURS (L.S.Y.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	49 - 55	≥56	*	MEAN WIND SPEED
N	•	.7. 7	1.									4.	
NNE	1.	1.7	÷ 3									4 •	
NE		• 7		• 3								i	Y . N
ENE	•	• 7	1.	1.									
E	• 7	2.3	7.3	3.7	. 7							14.	9.3
ESE	• 7	ii •	11.7	4.7	• 3							1.3	•_
SE	1.	3.7	6.7	1.3								13.1	6.
SSE	- · ·	4.0	2.		7 •							3	5 . :
\$	1.0	3.7	1.7	1.7	.7							. 7	
\$5W	• ~		1.3		•							•	7.
SW		•	. 3]		Ţ]		1.	• • 3
WSW	_ • :		1.	. 3								1 • 7	7.
w	• 7	1.	1.3		. 7							3.3	3 . 6
WNW	• 7	• 3	• 7									1.	5.5
NW	1.	• "	• ?				Ī					2.	4 . 4
NNW	. 7	1.	~									3	• (
VARBL													
CALM	\times	\times	\times	><	> <	\times	> <	\times	$\geq <$	$\supset <$	><	• 1	
	17.0	29.7	35.7	17.0	3.0							1 0.0	

TOTAL NUMBER OF OBSERVATIONS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥36	%	MEAN WIND SPEED
N	• ~	1.	• 7									· ·	,
NNE	1.	1.										2.	•
NE	. • "	1.											. • 3
ENE	•	1 • 7	1.	• 3								3.7	. •
E .	1.	£.	E • 3	~ . 7								71.	9
389	•	• 3	_ · · · · · · ·	5.7	• 7							~~~7	7.7
\$£	. ₹	5.7	_ ?•	1 • 7								11.	•
352	•	₹.	۶.									3. "	• •
\$! •	1.								1.	1.43
\$\$W	• 7	1.7	. 7	• 7	. 7							3.	7.
5W		•	• 7	• ?					1			1.	•
WSW	•	•	1.									• 3	. 3
W	• ~	• 7										1.	4.
WNW	1.	• 7	1.									•	7 • 1
NW	• *	7	•									• 3	٠.3
NWW	• 1	7.3	• "									•	4. €
VARM													
CALM	><	><	><	> <	><	>>	> <	$\supset <$	$\supset \subset$	$\supset <$	><	~• `	
	1 - 3	34.0	27.7	16.0	1.3	• 3						1 0.0	/ . 7

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	r r ist, ft	• 7 • ₽;		Ç
STATION	STATION NAME		YEARS	MONTH
		LL ENTHER		-7
		CLASS.		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	%	MEAN WIND SPEED
N	•	•										1.	<u> </u>
NME	•	1.7										. 3	•
NE	1.	• 7		• 7			<u> </u>					2.	٠.
ENE	1.	1.7	7.7	1.							<u> </u>	•	•
E	1.7	•	2.3	• 7	. 7							75.	٠.
ESE	*•	5.7	5.7		• 3							~2.3	7.
SE	'•	7.	2.7	1.								7.7	€ •
SSE	10"	2.3	₹.	• 3	. ?							(, , 7	
		7.	? • [*]	7	1.							5 . 7	
55W	•	1.	•				ļ			L			<u>5.</u>
SW		•	1.									1.	
WSW	ļ			• 3									1.
w		1.					<u> </u>					1.7	
WNW	1."	• `	• 1				ļ <u>.</u>			ļ		2.€	. •
NW	1.	•					Ļ					1.7	<u> </u>
NNW	ļ											ļ	
VARSL	k	. ,								_			
CALM	><	$\geq \leq$	><	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	•	
	15.	ეე.?	21.7	15.5	7 • 3							10.0	ε.

TOTAL NUMBER OF OBSERVATIONS

SMOS

1000

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

1	5 ^ +	1 ° € 1 °		J
STATION	STATION HABE		YEARS	MONTH
		LI EATHE		21.L
		CLASS		HOURS (LST
		COMPLETION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	1.	• 5	• 1								2.	4.
NNE	•	•	• 1									• 1	u.
NE	l • "	•	•	• 7								3 • 1	
ENE	•	3 • 1		• *								5.	•
E		4.0	7.7	4.1	. 2								•
ESE	i •	5	₽.•	4.	• ?							1 •	7.
SE	•	-	□ • 1	1.1	•							1	•
SSE	1.7	7.	7.	. 6	. 1	•							6.
\$	1.	?•	2.7	1.	•	• 7						* • 1	•
SSW	•	1.	•		• 3							3.3	4. •
SW	- 6	•	•	• 7								3	
wsw		•	• 1	• 7									. (
w	• •	• 7	•	•	• 1							1 •	•
WNW	•	•	•	•								1.	4.
NW	•		• ₹					[}			1	46.0
NNW	• 1	1.	• .		•							1.	
VARBL													
CALM	$\supset <$	><	\times	><	><	><	\times	$\geq \leq$	$\geq <$	><	><	5, •	
	1 . 3	31.7	33.4	12.7	1.6	, is						100.1	

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

(FROM HOURLY OBSERVATIONS)

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	· · · [57, 6]	2 7 € 7 1		Ų
STATION	STATION NAME		YEARS	BONTH
		LL FATHE		
		CLASS		HOURS (L S T
		COMPLITION		
				

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N													
NNE												2 •	2.
NE		1.7									L	3.	<u>.</u>
ENE	•	3.4	•									ų.	• 6
£	7.		1 •	2.3								~1.	
ESE	- 3	7	1.	2.6								"	
SE	• 2	# • 1	1, .	۴.								14.	
SSE		1.	1.5	1.								•	•
8	•	1.7	1.	• /								• .	•
SSW	•	•	• .								i .	• ₹	4 .
sw	1.	• 3	• 7	• 3								• 3	5.
wsw	•	1.7] •	34 ·
w	•											•	2.
WNW	•											•	, <u>-</u>
NW	1.		• 1									1.	4 . 6
NNW	•											•	2.
VARSL													
CALM	$\supset \subset$	> <	\times	\times	X	><	><	$\geq \leq$	$\supset <$	$\supset <$	> <	1.	
	1	31.0	31.1	7.4								1 0.1	٠.,

TOTAL NUMBER OF OBSERVATIONS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 STATION	STATION NAME		YEARS	J !
		LL EATHL'		HOURS (L S Y
		COMPLITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•											•	1.
NNE	•	1.										1.	4.
NE	• 7	1.6		• 7									4.1
ENE	1.	2.0				}						6 • 5	
E	7.0			1.7								15.	. *
ESE	7.5	• 7		3.								• ?	fi g is
SE		6.	3.4	• ?					}			14.7	5.5
SSE			1.4	1.								• !	•
5	1.7	3.	3.	• 7								•	
\$5W		• (1.	. 3
sw	•	. ?		•								1.~	
WSW	•	• 3		•								1.	5 • 5
w	• 7	1.										1.	4.
WNW		•										1 • 1	7.3
NW		•	•								[1.	• 3
NNW			•									• 1	•
VARBL													
CALM	$\supset \subset$	$>\!\!<$	$\supset \subset$	> <	> <	$\triangleright <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$: C •	
	1 "	77.4	21.5	5.0								1 2.4	٠.;

TOTAL NUMBER OF CASSEVATIONS

SMOR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	ST - AFST. FI	<i>و ب = ځ</i> ر٠		ان ل
STATION	SYATION MARE		YEARS	MONTH
			· •	
		CLASS.		HOURS (L.S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥56	%	MEAN WIND SPEED
N		• :		• 7								1.	
NNE		•								L		•	۱.,
NE		7.				Ĺ		<u> </u>				٧.	·· • 1
ENE	1.7	2.	1.4									5.	
E	•		2.1	1.								1 • 1	. 4
ESE	1.	1 . 1	. 4	1.0								2.3	6.6
SE	. 2	5.5	6.00	1.3								1 . 2	6.5
SSE	1.47	1.	1.	. 3								4.	
\$	1.	1 • 3	1.			[5.	
SSW		•	. 7									•	7.
SW	•	1.7		• ₹								3.	4.5
WSW		• 3	. 7	• 3								1.	٠.
w	•											•	7.
WNW	• 7	• 3										• •	2.
NW	`•	••				[1	2.0
NNW								Ī]	I			•
VARBL													
CALM	\times	$>\!\!<$	$\supset <$	><	> <	><	$\geq \leq$	$\geq \leq$	$\supset <$	$\geq \leq$	><	1.	
	16.7	35.0	26.0	5.5	.6							1 0.0	٠

200

TOTAL NUMBER OF OBSERVATIONS

8MO8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LL SCAFOR

	_				C	LASS						HOV RE	(L B.Y.)
	_				CON	017100							
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 . 55	≥ 56	*	MEAN WIND SPEED
N								-		 		1.5	4,
NNE		1.7	• *						1	Ī		7.3	₹.
NE													
ENE	•	2 • 3	• 6									7 • 2	
E		ن پ	3 . 1,	2.6				}				1/•1	7
ESE		• 5		4.2			I]				26.5	
\$£		3.5	7.7	1.6	• 3							15.5	7
358	1.	3.0	4.0	1.3								11.3	
8	1.	2.1	7.	• 3								7.1	
\$5W_	•	1.0	• 6					L				4 • .	4
\$W		•	. 7					L				1.	р
wsw		1.	1									2 • 3	
w		•		• ,	l							.6	
WNW		,										• "	-
NW		1 •					•					1.	7
								T		1	1		

TOTAL NUMBER OF OBSERVATIONS

0.0

MOS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MEAN WIND SPEED 1 - 3 N 1. NNE 1. NE ENE 1.6 21.3 12.3 4 . 5 ese SE 11. SSE 1.6 \$ SW WSW 1.3 . • 3 NHW 1 0.0

TOTAL NUMBER OF OBSERVATIONS

20408

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC
PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 .	FIRM WEST, FE	zÿ⇔α Υ		J 'Y,
STATION	STATION NAME		YEARS	MONTH
		ILL . EATHE -		1.0
		CLASS		HOURS (L.S.T.)
		COMBITION		

SPEED (KN73) DIR.	1 - 3	4 - 6	7 - 10	11,- 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	44 - 55	≥54	*	MEAN WIND SPEED
N	•	1.	•									1.	• 2
MME	• 7	• ?	• 6									1.7	• 5
NE		•	• *									•	5 • £
ENE	• '	• ;	. 3	• 3								1.	. 6
	• 3	3.5	€. ₽	2.3								14 •	7.6
ESE	1.7	5.5	15.5	2.9	• 3							25.	7.0
SE	1.0	7.1	3.1	1.0								18.1	. · 6
SSE	1.4	3.9	2.0	• 3								5.7	5 . /
\$	• "	4	1.7	• 3								• :	* • *
35W		2.1	. ۶									7.2	Ŀ . L
sw	• *	1.3	1.									₹•`	5.6
W\$W	•	• 1	• 6	1.								2.	
w	• 1			•									3
WHW			•									1.	' • '
NW		1.0	• 7	• 3			1					2.	t • 5
NNW	1.	1.7	• f	• 3								7.2	٠.1
YAROL													
CALM	$\supset \subset$	\times	\times	\times	\times	>>	><	$\supset <$	$\supset <$	> <	\times	•	
	1.5	35.5	40.3	9.0	• 3							1.0.0	ė.7

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	<u> 65%</u>	EST.	FL				13-3	?						<u> </u>
57AT10H			STATIO	HARK					,	TEARS			•	GATH
		_					EATHE :) * (6.8 T.)
						•							100113	(6.5 1.1
		_				CFII	5171011							
		_												
		Т												
	SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥54	*	MEAN WIND SPEED
	N			• 6										1.5
	NNE		• 7										1.0	•
	NE	1.	1.3	• 4	• :								3.	5.1
	BN2		1.	. 7	• 7								. • 5	
	1	7.	F . 4	17.	2.5	• 3							75.7	7.1
	PSE		. 7	11.6	1.3								24.7	6.4
	\$4	2.	7.0	1.3									7.1	4.
	\$92		1.	1.7	1.3								(• 5	7.
	\$		2.3	• ,									3.	ч.
	SSW	•	1. 1				•						`• 3	: • 6
	3W	1	`•							L			1.	. 3
	WSW		• •	• 1	• 3								1.5	. 6
	W		1.2	• *					<u> </u>				2.3	4
	WNW	1.	1.	• ?									2.3	4 , 4
	NW	,	1.	• 7	• ?								1.5	E . i
	NW		• 3							L	L		•	7
	VAROL								L					
	CALM	$\geq \leq$	><	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$>\!\!<$	· •	
					-								, ,	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (XD47%) DHR.	1.3	4 - 4	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥#	%	MEAN WIND SPEED
N	• 1	•										1.	7.3
NN												• 1	2.
NE	1.	2.01	. 4.									4.5	4.7
DIE	1.0	4.7	1 • 3	• 3								7	1.3
	1.2	• 7	17.7	4.5			1					30.00	7.1
est	41 .	1 . 3	4	1.7								24.5	- ; €
\$4	1.		1.7	1.								7.4	٠
\$8E	• '	2.0	1.7	• *								7	٠.
\$,	1.	1.	• 3								2.	2 . 4
99W	•	• £	1.7	• 3								2.	7 . !
SW													
WSW	•	• 3		7								1.	5.
W	•	. 4.										1.	4.7
WNW		. 7	. 1									1.0	4 . ?
NW		• 3										1.7	3.3
NNW			۶.									1.	
VARM													
CALM	\times	\times	\times	\times	\times	\times	\times	\times	\times	\times	\times	7.0	
	1	31.5	25.4	4 . 1								1 0.0	5.6

TOTAL NUMBER OF OBSERVATIONS

SMO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

i	er sist,	Ft		רק ביין ו			ŗ	J :
STATION		STATION NAME			YEARS	 		PRYN
	_		LL	EATHER LANG				:
	_			LASS			nou kr	\$ (L.S.T.)
	_							
			COR	DITION		 		
	_							
_		, 		, 	- 	 		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 55	≥54	%	MEAN WIND SPEED
N	,	•	•									1.2	4.5
MME		• 5	•									1.7	4
NE	• 1	1.2	• (3	• 1									4.7
ane.		2.3	• 6	• 7					I			• ^	
Ę	3	/ • 1	3 • 9	2,4	•							20.0	• .
202	2.4	7.5	11.6	2.6	•							74.7	7.1
\$4	?.	5.	₹ • ₹	1.	• 1							17.	5.4
986	1.	3 - 1	2.4	۰۷								7.6	٨
8	, . 2		?•	. 4								• •	₹ • ₹
SSW	• 4	1.1	•	•		•						2.	٠.,
\$W	•	• 4	•	• ?								•	5.
WSW	•	• 1	• *	• 3								1.	1.1
W	•	, 4	• 1	• 1								:•7	• •
WHW	•_	• "	• ^									1.0	4 . 5
NW	•]	· ?	• 3	• 1	•		•					1.	
MM	•	• 4.	,	• *						I		1.2	4,
VAROL													
CALM	\times	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	> <	$\supset <$	$\supset <$	$\supset <$		
	17.4	34.4	33.	9.6	• ?	• ^	• *					1 0.0	b •

TOTAL NUMBER OF COSSEVATION

2 4

2000

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 -	ATT EST. FL	កដូ⇔ស្ក		4.1
STATION	STATION NAME		YEARS	MALA
		TEL DEATHER		. 1
		ELASS.		MOURS (L.S.T.)
				

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	≥56	*	MEAN WIND SPEED
N	• 1	• 6										1.0	4.3
NME	• *											• 1	2.
NE	7.2	2.	• 2	• 1								6.	4.3
ENE	₹•	5.5	3.0	. 6								1.	5.7
E	1.0	₹ 14	10.3	3.9								24.5	7
ESE	2 . 3	5.0	10.3	3 . 5	. 6							22.	7.7
35	le"	4.5	3.5	1.6	• 3							11.	7.1
\$\$2		5.	2.5			,						E • 5	E • 3
\$		•	1.3	• 3								2.3	. 9
55W	•	• ?	• *									1.0	4.
SW			•								}	• 1	•
WW			•	• 4				{				1.0	11.3
w		•		• 7								•	8.
WWW	•		• `]					• '	A
NW	•	• • •										•	4 .
MMM	• 7		•									•	•
VARM							I	Ι	1	T			
CALM	\bowtie	\times	\times	\times	\times	\times	\boxtimes	\boxtimes	> <	\boxtimes	$\supset <$	•	
	1	73.2	37.	11.7	1.0							1 0.0	6.3

TOTAL NUMBER OF OSSETVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	m' " "ES", FL		13+80 <u> </u>			
STATION		STATION NAME		YEARS		MONTH
			LL LEATHER			
			CLA95		-	HOURS (L.S.T.)
			COMBITION			

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N			•									1 • "	4.
NNE		•										1 •	
ME	7.	1.	1.	. 7		l						• • 1	. 4
ENE	1.	4	1.1			•						. 7	٠.
	2.	7.1	/ • <	1.6								17.7	٠ , د
ESE		. 7	9.7	1.6				l		L		20.7	6.0
SE		5 . 2		1.9								16.	
SSE	1.	2 • €	7 . ?									•	• • i
\$	1.	1.0	• '	• 3								4	
SSW	• ?	1.	• '		• 7								h ef
5W	•		• '									1.	
W\$W			•									•	10.0
w		•	• 7				l					• ~	•
WNW	•							l				• ;	7
NW	•	,										: •	• 3
NNW										[
VAROL							I	I					
CALM	$\supset \subset$	\times	>>	\times	\times	$\supset <$	$\supset <$	$\geq \leq$	><	$\geq \leq$	\searrow	7.1	
	. 1 • 3	34.	30.0	5 4	• 3	• 3						1 0.0	: • 6

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

HOURS (L.S.T.

0.0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LL EATHE

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N										†		
NNE	•	• "										1
NE	•	7.	:•									7.
ENE	?•]	4.	7.3	1.								10.
E	₹•	ho:	c.•	• *	• •							1 .
ESE	1.	. 4	7.4	1.6								1 .
SE	1.	4 • 1	F . 1	1,								14.
SSE		(, • €	2.7									
_ \$	1.	1 • 7	1.7	• 3								,,
35W	•		• '			• '						1.
5W		•										Ţ
WSW	•	• ?	, 7									1.
w												
WNW												
NW												1.
MANA										7		

TOTAL NUMBER OF OBSERVATIONS

CALM

. 47

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

i	MINIST, FL	k = 5 °		•
MOITATE	BEAT HOLTATS		YEARS	MONTH
		Lt FATHE		
		CLA96		HOURE (L.S.T
		COMBITION		
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•											•	1 •
NNE	•	•	• "	•								. 3	• .
NE		1											€ • 3
ENE	•	₹•*	1.	1.3					İ			٤.	∵
£	• 7	(i p	12.									2.3	. 4
ESE	•	4	11.7	5					L			21.	
SE	1.	3	P • 1	1.								1 . 5	7.0
SSE	•	7 . 7		1.								- 4	•
5	,	7.6	7.4	• 6,		[• '	• i
55W	•	1.	1.7						l			2.	
SW		•	• 7.									•	٠
WSW	•	• 7	• *									1 • 3	• :
W			•									•	11.
WNW	•		_ • ′_						I			1.	.7
NW		•											•
NNW	•	• 4	• 7									1.	4.5
VARBL													
CALM	$>\!\!<$	$>\!\!<$	>>	>>	$>\!\!<$	$\geq \leq$	><	$\geq <$	\ge	\geq	$\supset <$	3.	
	7.7	~n.~	46.5	14.2								1 0.	٠.٠

*[*5. .

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-					LASS						HOUR	; 6 (L S T
	-				cor	HOITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	1.	• '							1		•	Ψ.
NNE		1.	•						}			• 1	۶.
NE	•	1.7						I				•	
ENE		• }		• 7	. 7							• 3	
E		1.	7 . 1,	6.1	. 7	• 7					,	• 1	
ESE			13.	7.								?•	
SE		/ •		2.6								•	,
SSE			7 •									• 1	
3		3.	7.									•	5.
\$\$W].,	7.7	.,								• ঢ়	7.
SW			•	• 1	l							1.	
WSW				• 7								•	1.
w	H	•											
WNW			1.									1.	
NW		1.	•									•	
NNW	•											1.	
VARBL													
					$\overline{}$								

TOTAL NUMBER OF OBSERVATIONS

.65°. F1

SURFACE WINDS

HOURS IL S T

1 5.3

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

£ & 1 . 4 £

SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 ≥56 N } • NNE NE 1. ENE E 1. ESE 1 .-SE 35£ 5 1. 55W SW WSW 1. 1. WNW 1. NW NNW 1. 1.7 . . VARBL

TOTAL NUMBER OF OBSERVATIONS

CALM

35.0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	. T	~ = ::	•
STATION	STATION NAME	YEAR	S MONTH
		"LL "EA" (E)	;
		CLASS	HOURS (L.S.Y.
		COMPLITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	1.										1.	•
NNE	1	•		• '								. •	•
NE	1."	1.	• 1	• 7									• :
ENE		1 • 1	5.4	1.	. 7							•	7.7
E	• •	. ,	1 .	5.2	• '								* • 5
ESE	•	17.4	° • 4.	4	• *							. 7	7.
SE		4 • 6	1.7									• -	4.5
SSE	,	• 7	1.7									. • 3	
\$	•	• 4.		• `	• 6							•	15.
SSW	•	1.7								_		7 . 3	
SW	•											1.7	4.
wsw		• "	• *									1.	•
w													
WNW	•	•		•								1.	٠.
NW		! •	• 7									1.	. •
NNW	•	1.7										•	4.
VARBL													
CALM	\times	> <	>>	>>	\times	\times	$\supset <$	\ge	><	$\supset <$		5.	
		**.*	27.1	17.9	1.5							1 0.0	٠.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 1	175 857, 68	*****	1.7
STATION	STATION HAME	YEARS	WORTH
		_ LL EATHET	. 5
		CLASS	HOURE (L.S.T.)
			_
	 	COMPLYING	-

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
N	•											1.7	2.
NNE	•	l •										1.	4.
NE	-	1.	1									6.	_ •
ENE		?•	7.	1.	• 3							• 7	7.
E	3.5	7	10.	4 . 5								• 1	7.
ESE	1.	7.1	r • 7	5.6	7							30.	7.3
SE		4 • "	1.		• 7				<u></u>			• 1	₹•:
SSE	• 1	1.7	1.	• 6		• ;				L		3.	• •
5	<u> </u>	1.	1.										
55W										<u> </u>		• 3	1.
SW	L	•	• •		• "				L			1.	1 .
WSW			•							L		• 1	<u> </u>
W													
WNW	<u> </u>	• *										1.	4.
NW	• 1	• 5	• "						L	L		1.	(• 4
NNW	L	•								ļ			5.
VARBL													
CALM	$\geq \leq$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$\geq \leq$	•	
	1 . 3	30.3	3:.7	10.0	1.7	• ?						: 0.0	٤.,

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1		•		•
STATION	STATION NAME		YEARS	###T#
		BLU EATRET		• Ł L
		CLARE		HOUSE (L S Y
		COMPITION		
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	49 - 55	≥54	*	MEAN WIND SPEED
N			•									• 1	٠, ٤
NNE	•	•	• 1	• 1								•	4.5
NE			1.	. 4		•							5 • !
ENE	1.	•	7.5	• '	• 1	•						•	4 . 1
E		is • *	1 •	• 1	• 2	• 1			I			7	7.5
ESE	2.01	•	7.7	7.5	•							72.	7.1
\$E	1	. 4	· · 1	1.2	• 1							1 .4	6.5
SSE		2.5	2.02	• ?		•						₹ • ₹	
\$	• 1	?•	1.7	. 4	• 1							4 •	7
SSW		1.	•	• 1	•	•						2.	* • •
SW	•	• ~		•	•							•	. :
WSW		•	_ • /.	•	•							1 .	
w	•	• 1	• •	• 1						T		. 4	•
WWW	•	• 7	•	•								! •	•
NW		•	• 7									• 2	- 1
NNW		•	• 1									1 1	4.3
VARBL													
CALM	$\triangleright <$	$\supset <$	> <	$>\!\!<$	> <	> <	><	$\triangleright <$	$\supset <$	$\supset <$	\times	•	
	1	32.7	30.0	11.2	r.							1.00	٠.٠

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

THE PRAINTS

			CLASS									NOURS (L S T		
	-				con	PITION								
SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	44 - \$5	≥\$4	*	ME. WII SPE	
N			• 3											
HHE	•	• 7	•						L			• ^		
NE	•		• 7	. 7						<u> </u>		5.		
ENE	•		: a									1 • 3		
ŧ	1.		7,7	7.3						Li		: • 7		
ese	•	•	. . ₹	?•`	_ • 1							1 •		
SE	•	4.		1 • 7	. 3									
58E	•	₹.	2.7	1.3								•		
8	•	1.7	?•	7.						<u> </u>		• 2		
SSW	•	• 3				<u></u>						1.		
\$W		• `	• ,									: • ·		
WSW			•						Ĺ			• !		
w	i	•	• 7									•		
WNW														
NW		•		L		ļ	<u> </u>	ļ				•		
MW	1.	•	•				ļ					. • 3		
VAROL														
CALM												14 •		

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MEAN WIND SPEED SPEED (KNTS) DIR. 11 - 16 NNE NE ENE 1. 4. 14. ESE ? • ? • 2. SSE 1.3 3 1. \$\$W SW WSW W WHW

TOTAL NUMBER OF OBSERVATIONS

1 C.

SMOS

NNW

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	FRY EST. FL	17 to 0 *	# .p
BTATION	STATION HAME	YEARS	HOATH
		LI CENTAE"	• •
		CLASS	HOURS (L S T)
		CRREATION	
			

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	46 - 55	≥\$4	*	MEAN WIND SPEED
N	•	• 7										. • 1	7.3
NNE	•	1.	• 7									•	4.7
75	•	•	1.									•	4.3
ENE	•	7.7	7."	• 7								0.	5.
ť	• 7	5.	2.3	3.0								1 - 3	6.4
236	, 2	Γ	4.3	1.3	- 3							1 . 3	6.5
\$12		4.7	7	1.7	• 3							1 7 . 3	6.4
SSE		: ·	1.	1.	• 3							5.	Ρ.,
8	1.	7.	• 7	1 • 3	• 3					l		(• 7	" . i
55W	•	•	•_ '									1 - ?	•
\$W	•	•	• 7		• 7							2 • ".	٠,٠
WSW	•	~	, 7									1.3	⁷ •
*				•								•	11.
WWW		• 7	• *									1 • "	• 3
NW													
NNW		• '		• 7				L				• 7	1 • .
VARM													
CALM	\times	><	\times	><	><	$>\!\!<$	$>\!\!<$	$\triangleright <$	$\triangleright <$	$\supset <$	\geq	A • =	
	20.5	30.3	1 .7	10.0	1.7							0.0	5 - 1

TOTAL NUMBER OF DESERVATIONS

MOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 ~	60 - ES*, F.	15 - 42		,
STATION	BHAR MOTATE		YEARS	MONTH
		TEL EATHER		;
		CLASS		HOURS (L S T
		COMPLETION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1.											· ·
NNE		•	1.									<u> </u>	٤ - 1
NE	1.		1.7									• 2	e .
ENE	•	,	4.3	1.7	• 3	}]		J	•	• /
E	1.	5 • 3	5.	4.3								7.	٦.,
ese	1.	4.	£.7	2.7							Ī	14.	7.:
\$	1.	7.	€	3.0								1 7.	7.7
SSE	•	2.3	7.7	1.	• ?							•	7.4
\$	3 • ~	4 . '	1.7	2.5	• 3							• 1	٠,٠
\$5W		1.	2.								_	• 3	£
3W		1.7	•									• 3	5.
WSW	•	• 3	• 1	• ?								1,3	• ?
w	•	• *	7.										• 3
WNW	• 1	•		•								1.	5
NW	• 1	•		• "								1.	٠, ۶
NNW	•											•	• '
VARBL													
CALM	\times	\times	$\supset \subset$	\times	> <	\boxtimes	$\supset \subset$	>>	\times	\geq	$\supset <$	~ • *	
	10.0	32.3	37.3	16.7	1.3							1 3.4	•

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION NAME VEARS MONTH

LL EATEF 1

CLASS MONES (LS T

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	• `	1.	1.									7.	[]
NNE	•	1.	2.3	• 3								• -	٠.7
NE	ł	1.	1.	1.7						L	I	3.	2.0
ENE		1.	1.	1.	. ₹							-, ,	• 「
E	1.	3.	4 . 2	4.7	. 3							100	•
ESE	• ,	4.7	٠,	7.5	.7							1	
SE		. 3	4.7	5.€	.7						1	! " • "	9
SSE	• 1	7	3.7	1.7								• 7	7.
\$	1.	4.	4.7	• 3	• 7							1.5 • 1	• •
55W		₹.	1.7									4 .	5.7
sw		! • '	7.	• 7]				5.0
WSW		•										•	5.
w	•	1.3	• 7	•								• 1	f u
WNW													
NW	1.	•	1.									L.	5.1
NWW	• 7	1.3		• 7								• 3	5.3
VARSL] ·		Ī		
CALM	\searrow	\times	\times	\times	> <	\times	\boxtimes	> <	$\geq \leq$	\times	$\geq \leq$	i. •	
		30.7	37.1	16.7	2.7							1 0.	

TOTAL NUMBER OF OSSERVATIONS

SMO

4 NAVA

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.	757, 6	1.0 mg/s	
STATION	STATE POLITAGE	YEARS	MONTH
		TEL STATES	•
		CLASS	NOVAS (L S 7 ·
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• "	7.07										• 1	- • î
NNE	•	•	1.7	•								5. '	0
NE	•	ે•	1.	• 7								3.7	_ 6.1
ENE	•	1.	1.	1.								4 • 3	7.1
	•	4.3	1.03	7.	• ?							1	. '
ESE		• *	7.7	7.7								15.	
SE	•	6.	3 -	1.7								10.1	7.5
322	, ,	4.7	••1	1.7	• ?				I			11.	*•1
\$	1.	4.	• "	• 7								•	5."
\$\$W		i • *	1.										• 1
SW		•	• "									1.1	
wsw		• 1	•									1.7	• '
w	1.	1.	• 7	• 7								•	• 5
WNW	•	1.	• '	• 7									7 . 3
NW	• 7	1.	• 7									7 • 3	4
NNW			• ?									2 • ₹	5.
VAROL						[I -					
CALM	\searrow	\times	\times	\times	\times	\geq	>>	$\geq <$	\geq	>>	>>	•	
	11.0	3 . 7	₹7.1	15.7	. 7							1 0.0	6.

TOTAL NUMBER OF OBSERVATIONS

SMO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	77 15 5 FE	F⊕ T ₁		
STATION	STATION HAME		YEARS	BONTH
		LE SEATHES		<u> </u>
	-	CLASS		HOURS (L S T
		COMBITION		
				

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	•	1.7										1.	
NNE		1.	2.	• 7									٠.
NE		1.	1 •	1.3								•	
ENE		1.7										4.	Js • •
ŧ	• 2	7.7	• 7	•	• ?]	٠4 .	• '
ESE	· • -	K . 3	•	?. ₹								3 - 3	
SE	•	2.1	?•	• 3		•						•	• 7
SSE	• "	1.7	1.	• 7								~ •	7.6
5	• 1	1.		1."								₹•	7.
\$5W			•	• 7								1.	•
SW	•	•										1 • 4	•
WSW	• "	• 7		•								:•	•
w	1.	•		• `								•	٠.
WNW		1.7	7	• ?								• 3	. 7
NW	1.	1.	1.									٠.	4.7
NNW	•	2.3	• ?									•	
VARBL	1								<u> </u>				
CALM	\bowtie	\times	\times	\times	\times	> <	$>\!\!<$	\geq	$\geq \leq$	$\geq \leq$	>>	• `	
	1 .7	30.	21.3	14.3	• 3	• 7	ì					0.	4.1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· Street

FATA

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	1.	• *									•	· •
MME	•	•	•									•	
NE	•	•	•]									5.	- • '
ENE	7	7.07	4.7	. 7								12.	5.
E	•	4 . 7	• 7	L,	_ 3			Ī .				2:•	7.
ESE	`• '	7.7	9.	2.∙^								2.3	
SE		1.	•	1."								•	٠. :
SSE		•	1.	2.	• 3							\	1 .
5	1.	•	• '	1.7			-					3 • 1	•
SSW													
SW			•									•	•
WSW			•									• 7	
w		•	• 7									•	•
WNW		•										1.	4.
NW	•											•	•
NNW	•	1.3	•				,	<u></u>				2.	-4 .
VARBL													
CALM	\times	> <	\times	\times	\times	\times	\times	\times	$\geq \leq$	\times	><	1 -	
	1 .	27.0	30.7	11.2								i i. •	٠. •

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATIO							YEA RS				-
					L.L.	187 153							L
	_					LASS						HOUE	\$ (L S T -
	- -				CON	IBITION							
SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		7 • 1	• 4									•:	. 4.
NNE		1 • 1	1.	•									
NE		!		• *								• :	
ENE				•	.:								

(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	WIND
N _		2 • 1	. 4									•:	4.
NNE		1 • !	1.	• 7								•	٠.
NE		2.1	1	¥.								•	•
ENE	•			•	:							•	
ŧ	•	•	•	4	• ?								7.
ESE		•	· • ·		• ?								_ · .
SE		<u></u> 1	5- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-	1.7		•		[•	7.
SSE	•		2.	1.								•	•
5	1 • ?	7	2.	1.7								٠.	•
SSW			•	•								?•	ę ,
sw_		•	•	•	• "							1.	
wsw	•	•	• 1	• 1			L					1.	•
w	•	• 1	• -	• .	•							<u> </u>	•
WNW	•	•	•	• ~			<u> </u>					1.1	· • 1
NW	•	•	• 1	<u>• 1</u>				L	L			1 •	
NNW		٠,	• `	• ?								. •	
VARBL													
CALM	><	><	\times	X	$>\!\!<$	><		$\geq \leq$	><	><	><	^•	
	1 . 1	31.5	21.1										

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

.	151. F	* 🕳 * *		
HOITATE	STATION HAME		YEARS	HORTH
		上上 (1217年)		
		CLASS		HOURS (L S T
		COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	1.	7.	1 • 1										
NNE		1.	•	7.6									٠.
NE	<u>.</u>	•	_ * • *									`?`•	7.
ENE	. 7	•	7.1	3.0									•
E		2•	7.7	1.4	, 7						i	1.	
ESE	I	. •	1.	1.				i		i _		•	?.
SE	•	1.4	1.	1.1									•
SSE		1.	•									l •	٠,
5		• 1										• *	•
SSW												•	•
SW												•	
WSW													
W		•									}	•	•
WNW		•										•	•
NW		i •											
NNW		. •	1.	. 7								. •	· •
VARBL													
CALM		$\supset <$	\times	><	><	\times		$\geq <$	><	><	><	.1.	
	1 .	37.	24 .*	1/.5	. 9							f. •	

13

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

... 32: 22

	_				Çı	A58						HOURS	(LST
	_					DITION							
	_	· · · · · ·						· · · · · · · · · · · · · · · · · · ·	·				
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
2	•			! .								•	7
NNE	•	7.	· • ·	• 0	• 3							1.	
NE	•	• 19	•	4.								•	
ENE	•	7.0	٠,٠	7.0	• 3								,
ŧ	•	1.		1.4								1	
ESE	•		7.3	• '	• 7							•	
SE	•	•_	•	• .								1.	٠.
SSE		•	1.									1.	
S			• "									• ?	
SSW			, 7									1.	
sw	•	• 7										•	1
wsw	•											•	÷
w	_ •	• 1										•	7
WNW	•									<u> </u>		•	
NW	• '	1.										1.1	
NNW													
VARSL													
CALM	$\overline{}$		$\overline{}$	_	$\overline{}$	<u> </u>		\sim	$\overline{}$	\sim	/	1.	

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	1.7	1.	1.									7
NNE	:•]	7.7	٠.									1 • 5	•
NE	ù.	7.	11.	2.3								7,7	€.
ENE	`• ?	- T.	•	2.6	. 7							1	
E	•	1.	4.	• '								. 4	•
ESE	• 1		· · ·	•	• 7							· • -	
SE	L	1 • 7	2.							İ		4.	7.4
SSE	<u> </u>	. ?	• £.									1.	t .
\$	L		• 1							<u> </u>		1.	b • ·
SSW	L	1.										1.	٠, ٠
SW	•	• *	• 7								ļ <u>.</u>	1.	4 , 6.
WSW		•										1.0	
w	· · · · ·											•	1.
WNW	L								L			ļi	
NW		•		. 7								1.	• 7
NNW	ļ	•										• 7	•
VARSL										Ļ			
CALM	$\geq \leq$	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	1.	
	1 .5	74.1	33.	13.5	• 6						_	. 0.0	

TOTAL NUMBER OF OBSERVATIONS

Ġ.

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

G.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

EATOR

	_				COM	DITION							
							····			— —			
SPEED (KNTS) DIR.	1 - 3	4 - 4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 54	*	MEAN WIND SPEED
N	ī. •	7.	. • ₹	2.6									
NNE	•	7	5 . 3	6.1	. 7							1 •	
NE		1 • 7	11.	4.7	• f.							• 7	٠.
ENE	•		٠.	. ° .								i • ~	٠.
E	1.7	1.	, -	4.	1.3							14.5	
ESE	• -	1.	(·)	1.3								•	٠
\$£	•	1.7	3.0	• 4								₹.	7 ,
382		• 7	• '	• 3				l				. • 3	
\$	•	1.7	1.0	• 3								?•	6
\$\$W	•		•									_; •	
\$W			•									• 1	
WSW	•		1.									1.3	
*		•	. 4.									1.7	
WNW		•	7									•	
NW		• 3					l	L				• •	2.0
MMW												1.	4

TOTAL NUMBER OF OSSERVATIONS

1 0.1

SMOS

VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION LABE

STATION LABE

VEARS

FORTH

COMMITTOR

SPEED (KNTS) DIR.	1 . 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.	. ·	1.1	2.1	• 3							10.3	7.
NNE	•	1.03	7,1	4.2	• *						{	24.5	٠, 4
NE		?•	5.	4.5	• 6							14.5	
ENE			?	۲. ۴	1.6							11.	10.
ę	•	1.		5.7	1.6							1 ' • -	11.
ESE	• "	2.3	7.2	3.2								ζ, •	≎
S.F	•	2.7	2.6	1.								(• :	7
35E	•	•	1.6							L		3.2	
5	• 7	1.	••	• 3								• `	5 • 1
SSW		•	• •									1.	. 7
SW	<u> </u>							<u> </u>				1.7	
WSW		•								L		• ·	5
w	<u> </u>	• '										•	3.
WNW		•	• 7									1.	5 • "
NW		1.	• 7									1.	
NNW		•	1.	. 3			ļ <u> </u>					1.	• • 7
VARSL						<u></u>	<u> </u>		Ļ,			1	
CALM	$\searrow <$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.	
	. 1	21.3	36.1	30.6	. 5							10.0	•

TOTAL NUMBER OF OBSERVATIONS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	A C EST, FL	*	
STATION	STATION MARK	YEA	RS MONTH
		THE PEATHET	: :
		CLASS	HOURS (LIF.T.)
		COMPLITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• .	7.	6.1	1.00								12.3	, 7
NNE		•	€. •	1.6								1 .7	• 1
NE		2.1	1.0	3.5								4	• 4
ENE		• 7	4	? • 4	1.7							15.	11.3
E	•	1.	7.7	3.7	• 6.								10.7
ESE	• "	2 • 3	r. •	• 3							L	• 1	7.4
SE	•	1.	1.	• €								4.	7.0
SSE		1.	•									1.	7.
\$	•	1.	•										5 • 1
SSW	• 7	1.										1.	4.5
5W	•	• ÷	• 7									1.3	4.
WSW	• 3											•	.* • *
w	•		•									•	٦ . ي
WNW	•	1.										I • :	7.4
NW	1.0		• '									1 • •	u , c
NNW	•	2.44	1.6	• 3					F	}			. 3
VARBL													
CALM	>>	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$\geq <$	><	\geq	$\geq \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	$\geq \leq$	$\geq <$	2.6	
	• 1	2 . 5	3 .4	24.5	2.6							1 0.0	. 3

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3 ~	1 255. FI	y = †7		· •
STATION	STATION NAME		YEARS	MONTH
		LL FATE		; *
	<u> </u>	CLASS		HOURS (L S.T. i
		COMPLTION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 1	ų , r	4.6	1.7								1. •	• 3
NNE	7.	7."	1 •	• (* • 1
NE	•	7 • 7	2.	3.5	i.							12.	8.6
ENE		4 . ?		7.1	• 2								. 3
E	• 7	4.5	11.	7.7	• 6							_î2.	
ESE		1.3	2.1	• ?								5.	
SE	•	• 1	• *									1.	•
SSE	•	• /:										1.0	7.
\$		• 7										•	3.
55W	•		•										• 4
SW	•	. 3								L		•	. •
WSW									L				
*													
WNW	· .		, , , , , , , , , , , , , , , , , , ,							L		. • ``	4.
NW	•	• 1										1.	3 . 3
NNW	1.7	1.	•	• 1								٠. 5	2.00
VARBL							L	L	L				
CALM	$\triangleright\!$	$>\!\!<$	\times	$>\!\!<$	$\geq \leq$	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	5.	
	1 .	28.0	32.7	16.5	1.0							1 5.0	• • •

TOTAL NUMBER OF OSSERVATIONS

SMOS

SURFACE WINDS

1.0.0

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					¢.	ASS						HOU
	_				CON	PITIOR						
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	1.7	2.	4.5	1.3								15.
NNE		₹. 9	1.5	2 • 3								4
NE	, , 7	2.	5.5	4 . 9				 _				1
ENE	1.	2 . 4	11.5	5.0					<u> </u>			27.4
		7.2	7.1	2.5	. 7			<u> </u>	<u> </u>			14.
ESE	•	2.3	1.1	1.					<u> </u>	ļ		٤.
	•	1.3	• F.	• 3	I			 _	 _		!	
SSE								ļ	 			•
	• 1	• 7	• 4.					 _	 		ļ	1.1
SSW		· '					ļ	L	 			•
SW							ļ	ļ	ļ		 	•
wsw							ļ	}			 	
w							ļ	 -			 	•
WNW	 						 			 	ļ	
NW		- 3		<u></u>				 	 -	Ĺ	<u> </u>	1.
NNW	•		. 7					<u> </u>	} _	ļ		1.
VARSL) }	j					1	l	ľ	1		7.

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

:	15 T. F	7 🖚 → 1		
STATION	STATION NAME		YEARS	MONTH
		LL FATTE		SUL
		CLASS		HOURS (L.S.T.

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.	7.44	1.	•							• 1	• • :
NNE	1.	₹.	4.	7.	• "							1	F . 1
NE		4	1.7	4.3	• 3							1 • 7	•
ENE	. •	4 . /		4 . "	• 6							1 .8	• •
E	; • ⁻		6.	4.	• *							: • :	÷ • 9
ESE	•	1.	7.	1.	• 1							: •	` . P
\$£	•	1.2	1.	• °C								7 • 1	€ • 1
\$\$E	•	• 4	•	• 1								1.	* * *
	•	•	•	• 1								• 1	5 . 3
\$5W	•		• .									•	•
SW	•	. 7	•									•	
wsw	•	•							I			•	٤ - 5
*	•	•	• 1		•			L				•	۱.
WNW	•	• 4	. 1									•	3
NW		• 7	• 1	•								1.	4.4
MMW	•	•	• 4	• ?									
VARBL													
CALM	\times	> <	\times	>>	><	> <	><	$\geq <$	><	><	$\supset <$	€ • €	
	11.	* L .	34.	35.0	1.^							1 0.	

TOTAL NUMBER OF OSSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Street .

STATION STATION HARE

VEARS

VEARS

HOURS (L S T

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	*	MEAN WIND SPEED
N	•	•	^ •	7.									1 • 1
NNE	•	4	4	4 . 3	• 3							14.	
NE	1.	•	ي <mark>.</mark> د	7.3	. 7			L				24.3	7.4
ENE		3		7.								1 7	•
E		! •_		2.3	•	• 7						1.	. ?
ESE		•	4.	7 . 3								10.7	
SE .	_•_	•	1.7	1.3		•							1.7
25E			١.									1.7	6.
\$	•	• `										•	?.
SSW				•					I			•	14.
SW		•											
WSW												1.	5.
W		•										• 3	•
WNW	• 1							I				•	2•
NW			•		I							1.	• 3
NHW		• '	1.									7.3	• -
VARM													
CALM	\times	\times	\times	$>\!\!<$	$\supset <$	> <	$>\!\!<$	$\supset <$	$\geq \leq$	$\geq <$	><		
		24.	36.7	21.7	1.7	. 7						10.	7

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 .		T. → 7.		V
STATION	STATION HAME		YEARS	WONTH
		LL EATHER		
	 	CLASS	<u></u> _	HOURS (L S T
		CONSTIUM		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	•	. · · · · ·	4.3	• -							1.	1.
NNE	•	.1 .	4.7	'•'	• ?							1 • 1	. :
NE	•	17.	11.	4 . 3	• 7							3	• *
ENE	1.	4.	7.0	1.								10.	٠.
£	•	•	7	7.	• 3	• 7		l	I			12.	7.
ESE	1.	1.	4 . 7	1.7								• 1	, 7
SE	•		• '	1.				I				7,7	
SSE			• 7									1.	r,
\$			•	• 7									12.
SSW			•									. • [•
sw	•			•			[I				•	
W\$W		•										• 3	•
w		•										•	۲.
WNW		• -						I					
NW		•	• •									•	
NNW	•	• 7	• 7	•								1.	
VARBL													
CALM	$\supset \subset$	\times	> <	$\supset \subset$	> <	$>\!\!<$	><		$\supset <$	$\supset <$	> <	5.	
	•	· • ·	30.0	27.0	1.7	• 7						1 0.	3.1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ì	rst, Fl	7= ;		N ₂
STATION	STATION HAME		YEARS	WONTH
		"Lt (£ \$ 1 %) "		•
		CLASS.		HOURS (L S T
		CORDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•			• 3	1.7	• 7						•	12.
NNE	1.		• •	•	. 3							•	• '
NE	•	3.7	12.	₹.	1.7						i	•	, ,
ENE	1.	3.7	7.7	1.3	7							14.	7.0
E				1.3								. 7	9.
ESE	•	•	4.	1.^									"••
SE		1.	1.									•	" • i
SSE	•	•											• 1
S	•	• 1		• 7								1.	. 4
SSW		•										•	٠.
sw			•									ì.	• 2
wsw			•										•
w		•										• 1	٠.
WNW		•	• 7						[• 1	• [
NW											Ī		
NNW	•		•	1.								•	•
VARBL													
CALM	\times	\times	\times	\times	\ge	\ge	> <	$\geq \leq$	\geq	$\geq \leq$	><		
	•	7/ • 7	41.0	11.3	4.7	• 7						1 0."	7.

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					COM	DITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WING SPEEL
N	1.		1.7	7.	. "	• '							11
NNE		• `	. 7	۶.	1.							•	1 2
NE		• 7	1 . "	E . 7	. 7							•	
ENE		· •	•	* 3	1.								
E	•	1.7	• 7	4 . 7								1 • 1	
ESE			• "	4.	• ;							, 7	1:
SE		1.	∴.	•									7
SSE		•	!•*									2.3	
\$	•	•	1.	• ~								• 7	
SSW				•								•	
SW													
wsw			•									•	
*		•	_ •									1 • 1	
WNW							<u></u>		<u> </u>				
NW			•						L			•	
NNW	•	•	• 7									. •	
VARBL													
CALM		\nearrow	\searrow	$\overline{}$							\	•	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. Similar min

Α.		· • • · ·	, F1	55.	•
MONTH	YEARS		STATION HAME		STATION
1		EL SEATHE			
HOURS (L S T		CLASS			
		CONDITION			
		CONDITION		·	_

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	•	<i>`</i> .	. γ		٠ ٦							1.7	•
NNE	•	1.	,	7.1	. 3							•	17.
NE		•	7	ί. •								11.	1 .
ENE	•	1.		2.7	7.7							2.	11.
E		•	٠.	7.7	î.3	• 7						•	11.
ESE		_•			. 3							•	11.
SE			7.	. 7								•	
SSE	•		•									1.7	•
\$	•	1.	1.7	7								2 •	٠.
ssw		•	• 1									•	•
sw		•	• :									1 •	١. •
wsw			•	• ?								• ",	11.
w		•	• '			_						•	
WNW													
NW	•	•	• 7	• 3								•	
NNW	•	∵ .	े •	• ?								4.	
VARBL													
CALM	\times	$>\!\!<$	> <	$\supset \subset$	> <	> <	> <	$\supset <$	$\supset <$	$\supset \subset$	><	•	
	, 7	14.7	41.	73.0	. 7	• -						• -	1.

TOTAL NUMBER OF OBSERVATIONS

14

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_					LASS						HOUR	\$ 1L S T
	_				CON	BITION							
SPEED	_												MEA
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		SPEE
N	•	•	•	• 7									
NNE		• "	• 7										
NE		1.	1.	•								•	
ENE	• 1	Ι.	١.	7.1		•						•	1
		1 •	•	11.7	: . _					1		•	1
ESE		!•`	•	₹•	•							1.	
SE	•	• `	•	• *	• ?							. •	
SSE		•	•	• 7								. •	
S	•	1.	•	{									
SSW			•									1.	
aw		1.										1.	
WSW		•	•										
w													
WNW	•	•										1.	
NW		•				L		<u></u>				1.	
NNW	•	! •		1."	•							٤,	
VARBL								<u></u>		<u> </u>			
CALM	$>\!\!<$	$>\!\!<$	><	><	><	><	$\geq \leq$	><	><	><	><	•	
		1 . ?	45.7	33.7	7							1 7.	

TOTAL NUMBER OF OBSERVATIONS

G. .

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

SURFACE WINDS

HOURS (L.S.T.

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

and the same of th

SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 17 - 21 41 - 47 22 - 27 ≥ 56 NNE ENE E <u>ı</u>. SE \$ SSW SW WSW WNW NW NNW VARBL

TOTAL NUMBER OF OBSERVATIONS

SMOS

YEARS

SURFACE WINDS

HOURS (L.S.T

1 0.

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- 52

MEAN WIND SPEED SPEED (KNTS) DIR. 17 - 21 1 - 3 7 - 10 NNE 4. NE ENE 11. E ESE 10. SE 5 SSW SW WSW WNW NW <u>: •</u> NNW VARBL

TOTAL NUMBER OF OBSERVATIONS

71.0

1.00

, G.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 4	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		:•	7.	7.	, is	• 1						•	
NNE	•	3.		4	ء و							14.	•
NE	1.	u . •	•	7.7	• *							1 • '	• :
ENE	•		6.7	7.	1.	•						15.	• :
ŧ	•	•		4 . ₹		• 1						1.	
ESE	•	1.	!i • "		• 1							•	• :
SE	• *	•	1.7	, ć.	• 1	•						3 • 5	•
SSE	•	•	• 7	•								1.	
\$		•	•	•								1.	
SSW	•	•	• 1	• 1					l			• L	•
SW	•	•		•								•	
WSW	•	•	•	•					<u> </u>			•	<u> </u>
W	•	• '	•									•	•
WNW		•_										•	• ;
NW	•	• 1		•						[1.2	١.,
NNW	•	2.	1.	•	• 1							₹• .	•
VARBL													
CALM	><	> <	> <	> <	\mathbb{X}	> <	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq <$,	
	. 7	02.5	3 • "	24.3	٠, -	. :]				1 0.1	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	AL PEST. FL			DF 1
STATION	STATION NAME		YEARS	HONTH
		LL EAT-S		
		CLASS		HOURS (L.S.T.)
		COMPLTION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.	1.	2.7	2.7	• 7							17.	
NNE	! •	•	5.0	7.07	• £							15.5	, ,
NE	1.	7.1	1	1.5								1.3	٤, ،
ENE	•	2.5	2.0	1.								7.4	
Ł		1.	4 . 5	₹• '								10.0	
ESE	•	1.	2.4	₹.€									
SE		1.7	7.	• ₹								· • ·	7.
SSE	•	• 7	1.7	1.								3	
\$	•	1	1.	• 6									٦.
SSW			•									• '	•
\$W			• '									• 1	
WSW	•	• 7	• 7									1.7	ŭ,
*	•											•	₹.
WNW	•	• 7	• 4	•								1	7.
NW				1.								i e	12.
MMM			1.7	1.6					I			•	11.
VARM													
CALM	><	$>\!\!<$	><	><	> <	$>\!\!<$	><	><	$\triangleright <$	$\supset <$	><	- •	
	10.0	27.1	47.7	21.0	1.7							1 6.	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LL SEATHE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	%	MEAN WIND SPEED
N	•	2.3	1.	۱۰۶	• 7								
NNE	• 3	7.	11.7	•									`.7
NE	•	• 7	(• 5	* ***					<u> </u>			1 . • 1	7.
ENE	• 1) (2)	2.	J • 1					<u> </u>			~ . 4	• :
ŧ	•	1.6	3 2	9 5	. 7			L				•	
ESE	•	1	2.2	2.3								• '	., . ?
SE	1.	1.	,	. 6									6.69
SSE		•	•	• F			<u></u>	<u></u>	<u> </u>	L	<u> </u>	3.5	• 6
5			1.2	1 •				<u> </u>				~ • `	7.4
SSW	•	,	1.						<u> </u>	<u> </u>		1	7
SW			•					<u> </u>	<u> </u>	l		•	c •
wsw	•	•							<u> </u>	<u> </u>	<u> </u>	: • €	
w		•						<u> </u>		<u> </u>	Ĺ	• '	٠,
WNW		•	•	• *	. ,		<u> </u>					1.	1
NW	• 7	• 1	?•	• *							ļ		1.00
MMM		•	•	1.5					<u> </u>			. •	11.4
VARBL								L	<u> </u>	L			
CALM	\boxtimes	\times	\times	\times	$>\!\!<$	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	><	$>\!\!<$	4.	
			36.7	22.1	1.0							1 0.0	7.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 -	17 1 4 5 5 1 FC	17-87		b 7
STATION	PERAN MOSTATS		YEARS	MONTH
		SEL SEATHER		•
		CLASS.		HOURS (L.S.T.)
	 	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.0	1.	7.5	ς , ε								1 3	
NNE	1.	4.	£ • •	7.5	. 3							2 • 1	. 7
NE	•	4.1	C • 4	2.3								1 . 4	'.7
ENE	1.	3.5	7	• 6								• •	•
Ł	1. 7	1 •	7 . 7	2.3								7	7,:
ESE	• 1	2.6	L . ?	1.5								• 5	•
SE		•	2.1	1.								3.0	7.3
SSE		1.~	1.7		. 7							2 و د	7.1
	•	1.7	2.3	<u>• 6</u>								6.	7.3
SSW	•		1.									. 3	5.3
SW			1.						<u> </u>			1.7	• _
W\$W			•					ļ	ļ			• ?	
W		•	٠ ٦		اا			ļ	ļ	ļ		1.2	•
WNW	!	<u>•</u> `		• 3	3			ļ	ļ			1.	12.3
NW	•		1.	1.3					<u> </u>	ļ		?•?	
NNW					• 3							2.6	• *
VARBL								Ļ			ار ا		
CALM	><	$>\!\!<$	$>\!\!<$	><	$>\!\!<$	$\geq \!$	> <	> <	$\geq \leq$	$>\!\!<$	><	•	
	- 7	7.4.	43.4	20.0	1.7							1 0.0	7

TOTAL NUMBER OF OBSERVATIONS

SMOS

~ G.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-

E 2 7 44 2 HOURS (L S T . MEAN WIND SPEED SPEED (KNTS) DIR. 1 - 3 17 - 21 ≥ 56 1... 15. 15.1 NNE 17.1 1. 5.5 NE 14. ENE 1 . ' EŞE ₹.0 SE SŞE 1.5 3 1. S\$W 1. SW WSW 1. WHW 1 11. NW NNW VARBL

TOTAL NUMBER OF OSSERVATIONS

1 0.0

SMOS

11.0

36.5

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				CON	DITION							
	_									_			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	ME WI SPI
N			4.5	5,0	1.f							1 . 3	1
NNE	• 1	1.	7.7	5.7								1 . 2	
NE		1.	4	2.7									
ENE	•			5 • 3	• 5							10.	1
E		• 1	5.47	6.1	. 6							1 : • 3	1
ESE			1.7	4 • E	* B							• 1	1
SE		• 5	3.5	1.€	_ 3							• 5	
35E	•		.7 . ₹	1 • Č			L					4.	
\$	• `	1.7	2.5	• 6								4.	
SSW		•	1.	1.2	. 3		L			<u></u>		. • . '	1
SW		• 1	1.	1.1	. 3							• •	1
WSW			•	• 3								•	1
w			• !						<u> </u>	L		•	
WNW			•	. 7								1.	
NW		1."	•	. 3			L					2.3	
NNW	<u> </u>	1.	1.7	3.5								•• 1	1
VARBL									<u> </u>	L]	
CALM		\sim	\sim	\sim	\sim	\sim	> <	> <	><	><	\sim	• '	

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	•	ć.		4.1									
NNE	•	, e	: • K	2.0								1 •	7.9
NE			4.	1 • t:				l			i	4	•
ENE	•	• !	1.	5.4.2	1.9							•	12.
	•	! •		4.1	• 6							1 • 5	11.7
ESE		• 1	4 . 5	2.7	• 5							10.3	•
SE		•	7.	. 6								4.0.	• 5
55E		٠	2.0	• 3								3.	•
\$		•	1.	• 3								₹.	7.
SSW	•	• ,	1.4	, 7								2.	7.7
SW	•	1.	• (1 •	
W\$W		•	• "	• 3					I				1
w		•	1.	1."	• 3							2.5	11.5
WNW	• 7	• 3	• 7									1.7	•
NW	•		•	1.3								1.	10.7
NNW		1.	2.	1.7	• 3						{		17.1
VARBL													
CALM	\times	\times	\times	\times	><	> <	$\geq <$	$\supset <$	$\geq <$	><	><	•	
	7.	13.4	42.6	31.6	7.4							1 0.0	•

TOTAL NUMBER OF OSSERVATIONS

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		• "	• *	u • ?								•	•
NNE	1.			1 • 0	• 3							11.	•
NE		5.2	۲.	1.4								12.	7.
ENE	1.	2.3		5.6								11.07	<i>i</i> .
e.	! • "	•	٠,٠	7.7	. 3							1 " • .	•
ESE	•_	7.3	u . *	1.7	• 7							•	•
\$£	•	1.7	1.	• *									٠.
35E		1.										. •	•
\$	•											•	
SSW	•		•									1.	٠.
sw		•										2.	4.
WSW	•		• *	• *								. •	
w	•		• 7	• 7								1 •	
WNW	•		•	• 7					1	L		1.	
NW	•	1.	• '	• 7								. • ₹	
NNW		•_	1.	1.6	. 3							3.	11.
VARBL													
CALM	><	$>\!\!<$	><	$>\!\!<$	$>\!\!<$	$>\!\!<$	><	$\supset <$	$\supset <$	$\supset <$	> <	•	
		20.2	31.5	21.7	1.3							10.	٠.

G.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	757, 81	j = ‡		5 .
STATION	STATION MADE		YEARS	MONTH
		LE SEATHE		2
		CLASE		HOURS (L S T
		COMPLYION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	7.7	4.	2.0								10.	•
NNE	•	9.5	7.1	2 • 6	. 7							2 . 7	•
NE	1."	4.	£ • €	1.9								14.	7.
ENE	1.	7.0	4.	2.5								12.2	•
E	1.	₹•	?•	u , ^								12.	•
ESE	• 7	1.	?•`	3 • 3			,					• "	•
SE	•	•	2.1	• 7								۰۰	7.
SSE	•	1.	• 7									•	4.
5			•									1.	
SSW		•										• 1	.
sw	•		•	. 7								i • `	•
wsw		•	•										~.
w			•									• 1	•
WNW	•	• •		• '								1.	е.
NW	• "		• 1	1.		• 7						1.	1
WMM		: •	• •	2.5	• 3							9.	17.
VARBL										Ì			
CALM	\times	\times	\times	$>\!\!<$	> <	\times	\times	$\geq \leq$	$\supset \subset$	> <	><	<i>'</i>	
	17.0	26.4	م و اور	27.0	. 4							1 5.5	` •

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1	/ "5", E	* * = 2 *		c .
STATION	SHAN NOITATE		YEARS	MONTH
		Lit FATHI		31 L
		CLASS		HOURS (L S T
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	•	1	1.		• 3	•							
NNE		4.	6.	7 ⊕ €								1 •	•
NE	•	• ^	7.1									! ~ •	7.
ENE	•	7.1	4.	7.4	• 4							` -	Ţ. .
Ę	•	1.	٠	, t								1 • 6	
ESE	•	1 . "	7.7	7 . 1	• 7							• ¬	_ · •
SE			?•	•	•1							•	٠
SSE	•		1.5	•								. • +	• :
\$	•	1.	1	• 5,		•						• *	
SSW	•	• '		• *	•							<i>i</i> •	•
\$W	•	• 14	•	• 2	•							1.	• '
W\$W		• "	•	• 1								•	• .
w	•	• '	•		• !							1 • 1	•
WNW		• 1	•	• 3	• 1							1 •	•
NW	•	•		•		•						•	•
NNW	• 1	•	1.7	1.	• 7							•	1
VARBL													
CALM	$>\!\!<$	><	\searrow	$>\!\!<$	\times	\times	\times	$\geq \leq$	$\geq \leq$	$\geq <$	$>\!\!<$		
		! •	4	77.		. 1						1	• :

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

.....

1	· · · · · · · · · · · · · · · · · · ·	* - %,		ŧ.
ROITATE	STATION NAME		YEARS	HONTH
		LL 18 8 18 77		11.6
		CLASS		HOURS (L S T
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•	l .	7	3.6	• ~								•
NNE	•	: •			• 1	•						•	
NE				<u> </u>	- 1	•						•	•
ENE	•	7.	• 7		• 3	•						• •	• :
E	. •	* 4		5.1	• •							•	:
ESE	• :	7.	<i>h</i> •		• 7	•						1 4	•
SE	1.	7.	7,7	1.7	• :	•						•	7
SSE	• 1	! • •	7.	i • '	• 1	•						5.	7.
\$	•	1.	1.7	• :	• 1	•						- •	7.4
SSW	•	• "	• 7	•	• 1	•						•	• :
SW	•	• 4	•	• 7	•							1.	•
WSW		•	•	• 2	•	•						1.:	• :
w	•	• -	• 7	• ?	•							1	
WNW		• •	•	• `	•	•						1.	<u>٠</u> ٠.
NW		• ?	•	• .	• :	•	• 1.					2.1	. 4
WWW	. 1.	•	1.	• 1	• 1	•						7.	• •
VARBL													
CALM	\times	\times	\times	\mathbb{X}	\times	\boxtimes	><	$\geq \leq$	\geq	\geq	><	ė,	
	1	` * • *,	3=•	[1.n	2.3	•	•					1 ~	7.7

TOTAL NUMBER OF OBSERVATIONS

13

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	•	•	• "	•	•	• `					1 1	7 E. •	٠.
NNE	•	•	•	•	1.1							•	
NE	•	7.7	f	• 7	• *						11	11.	
ENE	• -	! .	•	3.4	• 7	•						•	Ξ.
E		1.	. •	₹ • 6	• ~	•							11.
ESE	•	1. '	•	1 • 5	•]					I		•	1.
SE	•	•		1 • 1	• '					<u> </u>		•	1.
SSE			•	• •								•	•
S	•		•	1.7		•						•	1.
SSW		•	•	• 4	• `	•				<u> </u>			
sw			` •	•	•				<u> </u>			•	11
wsw		•	•		• 1								11.
w	•			•			•		L			•	1.
WNW		•	•	• "	•				ļ			:•	1
NW	•	•		•	• 1		• '					`•	11.
NNW	• 1	1.	,,,	٦,٠	1.7							1.	11.
VARBL										<u></u>	L		
CALM	$>\!\!<$	><	\times	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	><	><	><	><	. •	
	• 1	1	27.4	31.1		~ · :	. 4					~ •	1

NOCD, Federal duilding Asheville, N. C.

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By Month all years and all hours combined
- 3. By Month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no ceiling category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

-5 mm

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/1	≥ 2	≥ 1 1/1	≥ 1 1/4	≥ 1	≥ 1/4	≥ 1/6	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING	\sim						\bigcirc							\sim		
≥ 1800												\sim	\geq			\geq
≥ 1500					91.0			·				<u> </u>		!		12,6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600														†		
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3				+		10C.

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0. For instance, from the table: Ceiling \geq 1500 feet = 92.6%. Ceiling \geq 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite \geq 0. From the table: Visibility \geq 3 miles = 95.4%.

Visibility \geq 2 miles = 96.9%.

Visibility \geq 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling \geq 1500 feet with visibility \geq 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility > 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

Shirt was

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: #2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTA	S		TENTHS
0			0
1			1
2			3
3			4
4			5
5			6
6			8
7			9
8	(or	obscured)	10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

Clear converted to 0/10 Scattered converted to 3/10 Broken converted to 9/10 Overcast converted to 10/10 Obscured converted to 10/10

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		4	7	74.5	71.	75 g (4 . 5	74.6		70.0	74.5	74.5	79.0	7 ti .	79.5	7 .
≥ 18000 ≥ 16000			7 .		7:	79.	7.	7:		70.1	70.0	7 .) .r	→ <i>i</i> ,	79.5	7 .
≥ 14000 ≥ 12000		7	7 .	70.0	7 •	2.0	79.	,	29	77.	77. 70.	70.1	7	79.0	70.0	7
≥ 10000 ≥ 9000		7 . 0	3 7 7	7. F		5 . S	10.3	. ?	3.4	e		# 1 . 3	• ?		7	
≥ 8000 ≥ 7000		1.5	41.9	11.0 3.5	1.	1.7	1.5	1.5	1.5	F1.9	81.4 63.6	61.0	41.0	11.0	51.7	
≥ 6000 ≥ 5000		, , , ,		30.1	E o I	3.5	13.5 86.1	1	1	1 5 . i.		33.5	17.5	27.4	63.1	μ.
≥ 4500 ≥ 4000		7	\$. • 5	86.7	37.6	76.7	55.7 85.8	19.0	€ . •	26.7	61.7	61.7	3 . 6		(1) (1) (2) (2) (4) (4)	3 .
≥ 3500 ≥ 3000			η	59.6	A7.€	7.6 U.3	89.6 50.3	3	E 7 . A	9;.5 0 7	15 6 3 1 2	57.6 9:.3	6		0 G . K	3
≥ 2500 ≥ 2000		7.		13.2 16.4	73.7	3.7	97.2	2.2	+5.7	93.2	31.4	52.7 95.4	25.4	7.7.7 76.4	76.4	**
≥ 1800 ≥ 1500		6.4	9.1	07.1 07.4	97.1) e . 4	<7.1	7.1	07.1	97.1	97.1 98.4	97.1 90.4	1.7.1 23.4	27.1 75.4	97.1 58.4	
≥ 1200 ≥ 1000		7.7	9:44		36.7	8.7	96.7	C2.7	79.7	30.	00.7	78.7 64.3	37	46.7	.R.7	
≥ 900 ≥ 800		5 . 5 · 8 . 7	92.7	55.7	99.7	9.7	50. 00.7	29.7	79.7	09.7	99.7	99.7	7.7	39.7	99.7	66.
≥ 700 ≥ 600		9 . 7	90 t	54.7	99.7	· · · · · · · · · · · · · · · · · · ·	9.7	79.7	99.7	99.7	\$0.7	59.7	27.7	39.7	99.7	०५. ०५.
≥ 500 ≥ 400		4.7	ଷ୍ଟ _{୍ର} ଧ		178.0 105.0		100.0 100.0	173.0	: 60.0	.00.0 100.0	100.0 0.00	100.0	150.3 180.5		100.0	
≥ 300 ≥ 200		3.7	90.4	1 7.6	108.7 1 0.0		00.6 136.4		00.0		:27.0			00.0		
≥ 100 ≥ 0		7 . 7		100.0	150.0	1 0.0		111.0	1,000	167.	: nn.n	16.3.3	175.0	CC . C	100.3	100.

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)	_	. —				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000			7 . 4	70.7	77.5	73.7	77.5	70.F. 75.7	7 . 7	7	77.5	77.5	75.7	72.5	77.5	
≥ 18000 ≥ 16000		• 1	7 . 4	77.7	75.7	75.7 75.7	10.7	75.7	75.7	75 . 7 75 . 7	75.7	75.7	7 . 7	75.7	75.7 75.7	
≥ 14000 ≥ 12000			7 . 4	75.7 76.4	75.7	15.7	75.7	75. T	75.4	75.7	76.7 76.4	75.7 76.4	70.4	75.7	75.7 76.4	7 (. 1
≥ 10000 ≥ 9000			76.7	77.0	77.	77.1	77.5	77.5	77. 77.5	77.5	77.	71.		77.	77.7	
≥ 8000 ≥ 7000		, ,	7 . 7	0	7 . 7	77. 1 20.4	75.3	7 = 3 11 • 6	77.5	72.3	77.8	70.3	7 . 3	7 · • 3	74.7 87.6	• • •
≥ 6000 ≥ 5000		1.0°	2 · 7	. 6	2 1 • 6 30 • 5	~~.€ -2•5	20.6 82.5	0.4	0 • A	60.6 52.5	\$ 00 \$ 00 \$ 00 \$ 00 \$ 00 \$ 00 \$ 00 \$ 00	3€.6 3≟.5	7.06	90.6 52.5	60.5 17.5	•
≥ 4500 ≥ 4000		4 . 3	c . 1	- S		,, 5.4	१ , इ. ५५ , इ.	, e . u	: 2 • 5 • 5 • 4	7 (. 5 2 (. 4	7. 46. 6. 6.	32.4 8통.4	67.5 55.4	3₹•5 55•4	52.5 55.4	
≥ 3500 ≥ 3000		8.4 8.7	5 7	57.1 26	67.1 44.6	7.1	67.1 85.6	7•1 19•6	#7.1 #7.6	97.1 36	07.1 30.6	39.6	-7.1 t6	47.5	67.1 64.5	7. T. S.
≥ 2500 ≥ 2000		• •	• (• (• (• (• (• (• (• (• (• (44.2	11.3	1.3	91.3 94.7	1.3	71.7	51.3 54.2	91.3	91.3	71.3	1.3	21.3	C
≥ 1800 ≥ 1500			95.3	· • • · · · · · · · · · · · · · · · · ·	74.6	74.1	54.5 97.1	70 1	27.1	97.3	94.5	94.4 67.1	57.1	27.1	\$4.0 57.1	• ? • •
≥ 1200 ≥ 1000		5 • 4 (4 • 4	77.4	37.4	97.4	97.4 •7.7	97.4	27.7	97.4	97.4	97.4	97.4	57.4 ,7.7	7.7	97.4	77.7 70.1
≥ 900 ≥ 800		5 · 7 • !	9 7 . 7	94.1	9-01	78 . 4	92.4	ማኢ •1 ማር•ዛ	95.4	9: •1 48.4	08.4	52.1 55.4	53.1 50.4	78.4	⊕8.1 €8.4	÷ .4
≥ 700 ≥ 400		7.4	95.4	09.0	99.5	9.0	49.5	98.7	98.7	96.7	98.7	99.1	79.7	98.7	96.7	
≥ 500 ≥ 400		7.7	97,7	50.4	70.4	9.4	9.4	79.4	79.4	99.4	99.4	69.4	59.4 59.4	09.4	63.4	99.1
≥ 300 ≥ 200		7.7	99.	99.4 CO.4	4,05	9.4	59.4	9.4	9 . N		90.a	99.4	00.4	99.4		93.7
≥ 100 ≥ 0		7.7	6 G	79.4	77.4	9.4	99.4	69.	49.4	79.4	99.4	99.4	.0.4 90.4	99.4	90.4 99.4	99.7 CCaC

***	MILMARA	OF ORCE	BUATIONS		3

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)							VIS	SIBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21%	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING		٠ و د	55.7	83.	57.3	.7.	67.3	57.3	57.7	61.0	67.6	67.	67.1	67.0	67.5	1.
≥ 20000		•	7 € 0	76.0		71.2	71.2	1.2	71.2	71.2		71.5	71.5	11.	71.5	11.
≥ 18000 ≥ 16000		66.0		.	71.0 71.0	1.2	71.2	71.2	71.2		71.5	71.5	7].5	11.5	71.5	71.
		•	-			1 . 2	71.2	1.7	- · · ·	100	-			71.5	71.5	71.
≥ 14000 ≥ 12000			7 . ?	71.2	71.5	1.5	71.5	71.5	71.5		71.5	71.5	1.5	71.1	71.5	71.
			7 7	7:05	77.1	72.5	77	77.3	7	7.2	7 7 . 1	7.1	77.3	1	77.1	•
≥ 10000 ≥ 9000		1	7 !	3.5	73 9	73.	73.5	3.8	77.5	73.6	74.1	74.1	78.1	74.1	74.1	,
≥ 8000		73.5	74.5	7' • 1	70.4	75.4	75.4	74.4	15.4	75.4	75.7	75.7	77.7	75.7	75.7	7.,
≥ 7000		13.4	~ ? . ?	72.3	76	78.6	75.6	73.5	75.6	74.5	79.	7	7"."	77.0	70.	٠.
≥ 6000		7	77.7	73.3	7 .6	79 . €		76.5	7-65	73.5	72.	7	77.0	74.1	77.	7.
≥ 5000		7.4	7	70.3		79.5		78.5	77.6	75.5	7:.9	72.9	70.9		10.5	7.
≥ 4500		7,0	7 . ?	77.9		~. 3	* 1.3	`•3	• *		40.4	70.8	70.6		FC.5	•
≥ 4000		:• *		. 9		3.2	h3.2	13.2	· * • ?	3.5	17.3	• 3 • •	7,0		33.2	<u> </u>
≥ 3500		1.	`	13.5		3.8	33.3	23.6	E 7 . 4	P 4 - 1	F 4 . F	4 , 5	4.5		****	. ** •
≥ 3000			37.4	*•	37.4	2.4	58.4	. 4	4.3.4	50.7	3 .	<u> </u>	A	-	\$ 10 .	2
≥ 2500 ≥ 2000			9 •	eret		. · ·	90. 01.	7.0	30.0	4.0	: ^ . t	9.	~~~	1	19.4 13.4	•
		•	31.	27.2	33.6	2.6		22.€	\$7.6	96.9	93.2	11.2	75.3	3.	77.3	•
≥ 1800 ≥ 1500		•		2.2	95.2 95.9	°3.2 °5.8	93.2	75.2	93.2	33.4	76.0	95.7	97.9 36.9		93.5	4
		* C	25.5	t . 4		97.1	27.1	7 - 1	9/01	c7.7	92.1	96.1	*5 * "	70.1	- F	,
≥ 1200 ≥ 1000			46.3	97.7	50.7	3.7	25.7		7	29.4	99.7	00.7	(3,7	-0.7	· 7	~;
≥ 900			75.4	37.7	02.7	98.7	45.7	3.7	90.7	99.4	39.7	29.9	.0.7	69.7	19.7	50
≥ 900			96.8	27.7	95.7	8.7	96.	00.7	9.7	19.4	- 1	99.7	2.7	_	67.7	55.
≥ 700		775.4	97.1	90.1	99.	19.	99.	:0.	0.0	99.7	.67.0	105.0	100.0	1 70 . 5	100.0	٠ را ١
≥ 600		E	7.7	93.1	99.	9.	99.		49.0	29.7	1.0•€	150.5	~~~	193.0	ເພາເດ	ic
≥ 500		2 • 1	6 7 a }	₹5.1	22.0	. 7	79.0	79.5	99."	99.7	; /.^	100.0	1	100.0	159.0	
≥ 400			77.1	99.1	39.	9.0	94.0	• 0	94.0	79.7	ដែក•ស	100.0	170.0	100.0	15.	
≥ 300		•	77.1	93.1	23.	٥.	99	:0.	43.0	C+.7	(00.3	100.0	100.0	1 00•0	127.9	
≥ 200		-5-5	9/.1	9501	95.	9.	0000	26.	00.0	49.7	130.0			130.J	1000	153.
≥ 100		•	97.1	0 1 • 1	37.0	- 9 • ∩	₹ \$ ⊕ €	29.5	99.	34.3				1.00	105.	155.
≥ 0		5.5	97.1	25.1	03.	9.0	φ.O	7	9.0	29.7	1000	100.0	100.0	i 00. oi	ان، وا	100.

TOTAL NUMBER	OF DESERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING		•		9-1	64.1	4.1	f. (+ a 1	1	530	#4.1	l		.4 . ?		1	
≥ 20000		•	7 • •	71.7	71.5	71.	71.0	71.6	71.5	71.5	71.	11.	71.5	11.	11.2	1.
≥ 18000			7 -	1.4	71.4	71.9	71.0	71.5	71.4	71.3	71.00	71.	7 i . *	71.0	71.7	
≥ 16000		6. • *	70.0	71.1	71.5	71.	71.3	1,5	11.5	71	71.0	11.5	1.5	71.3	71.5	71.
≥ 14000		· •	77.5		70.7	, ·	72.2	77.2	72.2	72.2	77.2	70.2	77.2	73.2	72.0	7 .
≥ 12000			71.6	7.2.6	77.0	72.8	77.8	72.3	7.7 • ₽	72.	7.1	7.0	77.4	72.	72.5	٧, ‹
≥ 10000		15.	7.5.0	73.8	73.5	3	73.0	73.8	73.0	73.	77.7	73.5	7 7 3	?3.1	73.	
≥ 9000			74.4	1 2 . 4	79.4	75.4	75.4	17.4	17.04	70.6	75.4	77.4	25.4	73.4	75.4	7 .
≥ 2000		3.	75.4	77.4	17.4	77.	77.4	.7.4	77.4	27.4	77.4	77.4	77.4	77.4	27.4	
≥ 7000		5.0	7 .:	77.5	7:.7	70.7	70.3	77.2	7 .7	7: . ?	71. *	7 : . 3	71.4	70.7	7^ .	75.
≥ 4000		75.0	70.2	70.3	70.3	79.3	75.7	77.5	7 4 . 7	77.3	77.0	77.7	71.8	73.3	7.	7 .
≥ 5000		7 7	7 7			15.4	0.0	0.6	3.5	F G . 0	37.06	1.5.		1.3.6		
≥ 4500		.7.4	7 .0	21.2	1.7	1.2	-1.2	1.2	1.2	\$1.2	41.1	1.0	1.2	1.7	11.2	
≥ 4000 ≥ 4000					25.5	5.0	7 . 1	3.5	33.0	25.0	U 7 . K	15.		65.5	1. 6	
≥ 3500				19.1	67.1	7.1	17.1	77.1	37.1	47.1	7.1	37.1	7.1	27.1	27.1	
≥ 3000		5.1	. 3.	5 3	9	10.7	69.3	9 . 3	e^.3		30.7	£7.3	3 2	9 . 3	60.	
			8 . 1	. 6		13.6		25.6) é	9.00	G		7.06		-	
≥ 2500 ≥ 2000		5 • 1	91.4	22.9	47.9		, •		92.6	92.	0 7 6	32.0	3 1 2	ြည့်အ	~ ~ ~ .	
		7.0	910	2.3	\$2.5			72.9			02.0	32.3	3-0		15.2.9	
≥ 1800 ≥ 1500			34.7		95.3	05.4	96.1	6.1	16.1	26.1	56.1	^6.1	. 5 . 1	1.6.1	6.1	5
			C	66.4	.5.4	6.4		36.9	36.0	96.2	76.	46.	106.	26.	26	
≥ 1200 ≥ 1000		1.3	٠, ٠	.7.4	97.4	17.4		57.7	-	97.7	97.7	1 i	- , ,		27.7	6-1-
		1.1	- 5		97.4	7.4		:7.7			97.7		· 7		\$7.7	
≥ 900 ≥ 800		i.	9	37.7	7	-7.7	[-	1	04.1	78.1	94.1	1	1			
		1.	7 1	1	2:01	9.1	<u> </u>	36.4	95.9		96 1		4			} - -
≥ 700 ≥ 400			92.1			26.4		SF.7		98.7	98.7	74.7	.5.7	43.7	38.7	
		2.	7.	\$ 7	- 0 - 7	99.0		5 9 h	9 4		90.4		7	7.4	9.4	 -
≥ 500 ≥ 400			6 7 1	09.4	25.4	•	, -				1 -	1 -		1	1	3 3 4
	 _			50.4		9.4		9.7		<u> </u>		9.7	6.7	39.7	29.7	
≥ 300 > 200		1	7-4:		77.4	19.4		35.7				0.00			en.q	
		1	9 .:	3.8	44.6	9.4		35.7				200.0			370.1	•
≥ 100 ≥ 0		2.6	1 1 1	99.4	79.4	9.4		79.7	40.7			100.0	E .		1	
≥ 0		2 • 1	9 . i	20.4	99.4	79.4	49.7	4.7	4 F - 7	100.3	0.00	K G () • ()	37.0	K07.	100.0	1300

IOIAL	PUMBER C	m	OBSERVATIONS	 	

1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MI	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		•	51.0	(1.3	4 . C.	-1.	61.1 71.5	51.	(1.5	51.5	61.6 71.5	1.0	71.5	1.	1.1.	. 1 .
≥ 18000 ≥ 16000		•	71.0	105	77.2	12.2	71.5	72.2	77.2	72.2	77.7	12.2	71.5	71.5	7.02	7
≥ 14000 ≥ 12000		•	7	3 5 3 1	77.5	72.5		72.5	77.1		7 1.5	72.5	73.1	72.3	7	•
≥ 10000 ≥ 9000		- B	7 (g 4)	74.4	74.4	4 . 4	74.4	*4.4	74.4	7 40 6 20	7 80 6 60	74,4	34 s4	74.1	74.	
≥ 8000 ≥ 7000		4.0	77.7	77.7	77.7	17.7	7.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7		- 7
≥ 6000 ≥ 5000			* 3 • 5	1.6	01.6 43.6	1.6	-1.1	1.6	71.6	-1.5		11.6	1	11.1	13.5	
≥ 4500 ≥ 4000		4	1. 5 C	3.5	44.1	3.5	33.5	73.5 76.1	46.1	43.5	, · · · · · · · · · · · · · · · · · · ·	83.5 85.1	7.1	36.1	· 7 · 6	
≥ 3500 ≥ 3000		7.7	8	87.1 84.3	97.4 59.6	37.4	3-04	27.4 29.6	37.0	97.4 33.6	5 °	57.4 Eret	4	. 7 . 6	-, 7 . 4	
≥ 2500 ≥ 2000		11.6	3 ° 49	50 . 9	91.7	1.3	91.5	71.6	91.5	41.6	91.6	71.00	3.6	1.6	71.5	
≥ 1800 ≥ 1500		4.7	94.5	02.2	52.€ 45.5	12.5	97.0	2.0		92.9	9 9 9	5.7.9 5.5.	67.9 95.6		07.4 55.1	
≥ 1200 ≥ 1000			95.1		96.1	16.1	95.4 97.4	96.4 97.4	06.4 97.4	91.4		57.4	, 4 . ti	36.4	76.4 97.4	
≥ 900 ≥ 800	-	5.	97.1	67.1 97.7	97.4	47.9	97.7	97.7	97.7 98.4	97.7	\$7.7 \$8.4	77.7 98.4	35.4	57.7	97.7	
≥ 700 ≥ 400	· 	6.4	97.7	59.4 59.5	70.7	9.4	99.	39.7	79.7	99.7	99.7	49.7	3.7	59.7	99.7	40. 40.
≥ 500 ≥ 400		5.	9 9 f . h	00.,,	90.2 99.4	79.4	29.7	09.7	79.7	99.7 99.7	· · · · · · · · · · · · · · · · · · ·	49.7	40.7	1	49.7	ου.: (α.)
≥ 300 ≥ 200		7.1	9:.7	74.4	39.7	_	300.0 300.0	מי.ים	1 (3 - 17	180.0 100.0	- 1	100.0	r - :	F	190.0	100.0
≥ 100 ≥ 0		7.1	9.7	79.4	00.7	_	0.00			100.U		100.5 100.5	0.03	10 0. 0	100.0	

TOTAL I	F CASEBVATIONS

15.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 14	≥ 1%	≥ ;	≥ %	≥ %	≥ %	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000		•	51 • °	4, .e	71.2	11.2	11.2	50.0°	63.7 71.2	6 1	11.2	1 (. P.	1,2	7	73.3	
≥ 18000 ≥ 16000			7 .5	71.2	71.2	1.3	71.2 71.2	71.2	7 7		71.2	1.2	1.2	11.3	71.7	1.
≥ 14000 ≥ 12000		, P	7 .5	71.2	71.7	71.7	71.2 71.2	71.7	71.7	71.7	71.2	11.7	11.2	1.2	1.7	').: '!.:
≥ 10000 ≥ 9000	L	0.	71.5	10.2 13.8	77.4	72.5	77.42	77.2	73.2 73.5	73.5	77.07	77.3	17.5	73.5	73.4	, .
≥ 8000 ≥ 7000		7 .1	77	7 .0	7 • (c)	75.6	71.6	75.0	7 .5		1.6	11.5	1.6	1.6	7.	7 .
≥ 6000 ≥ 5000			91.7 14.1	- 1 + 1 - 4 + 5	. 1 • f	14.5	51.6 64.5	-1.(-4.5	/1. 4.5	1.0	34.5	11 01 4 04	1.6	1.6	1.4	i.
≥ 4500 ≥ 4000		•	. # • 5	* ° 7	£ 3 .	4.	44.00 94.00	F 4 . 15	. 14 • ≈ • •	7 t •	4 u , 4	4 • •	•	4		· , .
≥ 3500 ≥ 3000		1 3 7		5	71.5		84.7	1 . 7	71.7	71.3	1.3	1.3	1	1.	1.	
≥ 2500 ≥ 2000			3			3. (5.)	3.3 • . 35 • 1	3.5	1 0,01		· • 1	45.1 5.1				
≥ 1800 ≥ 1500			⇒ ° • !	7.7	,,,,	G • 1	01	1	1	• 4	. 1	• 1	.1	2.01		•
≥ 1200 ≥ 1000		/ • :	3/ 1	.7	30.	٧.	79.		. 7	,,,	7.9.		•	30.	<u>, , , , , , , , , , , , , , , , , , , </u>	_
≥ 900 ≥ 800		0.4		5 L 2	9.0	3.4	30. 30.	70.4	14 g		() ()		,,4	9.4		· ·
≥ 700 ≥ 600	L	6, a 4		19.5		9.4	70.4 70.4	79.4 79.4	, 9 . 4 , 9 . 4			57.4 57.4		5.4	7, 3 a	
≥ 500 ≥ 400		1	7.7	7 4 g 4		3.7	0.001 0.001 0.001	01.00		172.0	30 a	30.Q	- C	٠	30.0	
≥ 300 ≥ 200		ŧ.	9 7	- G - 1		1 10 et	100 to 10			100.0	i .	ا ماسا	110 0 110 0	C . 0 : 1	130.5	-
≥ 100 ≥ 0		5	φ	24.4	10.5	0.	17			100.J					120.0	n Or

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21%	≥ 2	≥ 1%	≥ 14	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000		· • }	0 1	6 - 1 7 - 5	, ,	7 • 1	6 7 • i	5 . 1	7 .	4.7	6 1		. 1	6 3	7	£ .
≥ 18000 ≥ 16000		4.5	77.0 7.5	7	7 . c	1 to 1	7: • 5	7 . 5	7 .1	? .,	70.5	7 12 • 3 7 • \$		7 ()) ·	-
≥ 14000 ≥ 12000				75 . 5 76 . 5	7 . 3	75 . 76 . 5	70.5	77.	7: 6	71.5	7 3	71.5	71 . 5		7 A 2 3	7
≥ 10000 ≥ 9000		• 1	7 .	1	7.1	7.1	77.1	7, .5	77.1	7 77.1	77.1	18.5. 77.1	7.1	7.1	7.,	
≥ 8000 ≥ 7000				• U		Ω • ** ∃4 • • y	() ()	• 0 • 4 • 5	4.4	•	3			4		
≥ 6000 ≥ 5000		4	• 1		35.7 81.1	5.1 35.1	-5.2 14.1	· · · · ·	1.8	35.1	5.2 1.1	5.2				,
≥ 4500 ≥ 4000			77.4 01.7	1.5	57.4	7.4	€ 7.4. 113.53	· 7 . 6	.7.4	1.1	1	21.1			27. ~ 1.	
≥ 3500 ≥ 3000			31.3	67.49 5.6	51.f	2.4	41.	1.0		71.	•	7 1 . 7	3 •	1.		
≥ 2500 ≥ 2000			ų, ,	94.7	2.0	7.3	74.7 77.1	67.1	7.1	7 4 . c	54.2 67.1	7.1	5 7 • 1	7 . 1	7.1	•
≥ 1800 ≥ 1500		5.1	06.€* ≯3.5	7.1 c~.7	57.1 97.7	7.1	7.7	7•1 7•7	27.1	9: .!	77.1 57.7	77.1	7.7 7.7		67.7	•
≥ 1200 ≥ 1000		7.1 /.4	9 / • [. 4 7	61.4 64.7	12.4 8.7	900 k	14 E . 4	46.4	₹ . 7	74.4 25.7	ວາ	. 4	5 . u	· i . 7	
≥ 900 ≥ 800		1.7	9 . 4	7 . T	77.	N . 7	96.7	. 7	12.7	0e•7 39•	99.	71.7 44.	. 7	7 A 9	2 P .	•
≥ 700 ≥ 600		7.7	3 1 22 7		() • ()	9.4	9.0 99.4	10.0	7.4	74.	90.	- n - 9 - 4	0.4	, 7 . 4	13. 19.	•)
≥ 500 ≥ 400		• !		7	7 . 7	9.7	20.7	9.7	95.7	79.7	97.7	37.7	50.7 2.7	5¢.7	2.7	
≥ 300 ≥ 200			50.0 50.0	0•00 100	170.0 170.0		100.0 100.0	0 G	(20.5 (20.5)	190.5 190.5	10.0 10.0				. 50 00 00	
≥ 100 ≥ 0		4.	90.	1 (0.0	0.00			132.0	00.3		73.0 63.0	105.2	70.0	2.0

TOTAL MUMBER	OF OSSERVATIONS	

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 10 ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 2½ ≥ 1½ ≥ 1½ ≥ 1½ ≥ ½ ≥ ½ ≥ ½ ≥ 5/16 ≥ ½ ≥ 0															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING		• 1		76.5	71.5	7€.	75.0	** • 5	7	7 F . 5	7 £ 5.	1.0	·	٠		
≥ 20000		1 - 1	.1.6	1.6	1 4	1.4	21.5	140	1.	1.1	1.	1.1	1.5	1.1	1	
≥ 18000 ≥ 16000		1.	1.5	1.:	1	1.6	1.0	1 • 6. _ 1 • 6.	1.6	. 1 . 4 1 . 6	1.1	1.4	1.4	1	1	•
≥ 14000 ≥ 12000		. 1.	1.0	1.0	1.0	1.6	61.6	1.5	1.1	1.:	1.	1.	1.5	1.	1.5	• •
≥ 10000 ≥ 9000		1.	1	61.9 6.3		1.7	1.	1.	1 ° ° · 7	1.] • °	7.7	1.	1.	
≥ 8000 ≥ 7000					4 2 4	3.3 5.5	77.7 20.	\$ Y		9 3 0 W		# 3 . 1		3.		,
≥ 6000 ≥ 5000		5.0			, , , > ; , ta	5.5 8.4	85.4	5.5	55 ·	n ,		1, 5, 4	. 4	5		
≥ 4500 ≥ 4000			1.7	1.5	1.	5.1	4 6 . 4 4 1 . 7	1	- 1 • 3		1	3 3	* •	2.	1.	
≥ 3500 ≥ 3000		1 .	7	3 . c	\$1.5 25.60	1.4	91.0 03.4	1.		3.4	/l.	? !. "	1.7	1.	1.	· · · · · ·
≥ 2500 ≥ 2000			9 . 5	• • • •	~ 4 • ·	4.2	54. " 78. "	"•? •?			7 % .		. 7 4 . 2	4 · .	A .	· ·
≥ 1800 ≥ 1500		1	- 1	? ° •	, .	8.1	95. 93.1	• 1	95.4 25.1	*>.	.1	• 1	• 1	• 1	7 . 3	•
≥ 1200 ≥ 1000		1	- 1	7	60 • 1 10 • 7	3 • 1 8 • 7	75.1	00.7	7 A . 1 9 1 - 7	7: • 1 5 • • 7	7.01	\(\frac{1}{2}\)	• 1	• 1		•
≥ 900 ≥ 800		7 • s	3 . 7	7.7	79.7	9.7	95.7	79.7	50.7	C3.7		94.7	. 7	98.7	9.7	
≥ 700 ≥ 600		. 7	90.7	29.7	17.7	7.7	7.7	9.7	7.7	3.7 .0.7	99.7	, 9 . 7 3 . 7	19.7	15.7	^•. • 7	
≥ 500 ≥ 400		. 7	9 - • • 6 - • •	19.7	3 . 7 10 3 . D	9.7 . v.J	70.7	79.7 155.6	79.7 100.0	99.7 200.5		-9.7 00.0	े • ? }_^ • (59.7	0,7	•
≥ 300 ≥ 200			37	7.7		្រីបា ះ ព មិនស្ថា		100.0		170.0 170.0	7.00 100.0		12t.n	100.5 100.5	179.0 179.0	
≥ 100 > 0		7	0;7	2 • و .	{" ·	7.	00.0		_			າກເ•ວ ເຕື•ວ		0.00	100.0	•

TOTAL NUMBER	OF OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HEILITY (ST	ATUTE MIL	(ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ ¾	≥ %	2 %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000			t: •	• L	2 • 1 7 u • 7	.1	0 • 1 74 • 7	7-1	7, 7	4 1 7 ~ . 1	70.	14.		••	75.	
≥ 18000 ≥ 16000		4	7: 4	74.7	74	74.	74.2 74.2	~4.0 ~4.0		7	* 4 6 * 8 6 7	74.	.,	7.	74. 74.	
≥ 14000 ≥ 12000		·	7	74.0	*	°.4.•	74.	74.	7	74.	7 (, ,	,	•		- · ·	
≥ 10000 ≥ 9000		• .	,	• •		76	16.1 76.	76 . } **(; • 1	76.1	76.2	• .	7	:	• • •	76.	· ·
≥ 8000 ≥ 7000		•	7 . 3 1 a (1.1	7	1.7	77.2		30.0	7 / • :	1.	• • •	1.7	7	نعلت	` •
≥ 6000 ≥ 5000			7.0				11 • U	7.4 7.3.4		.			•:	1 	0.	
≥ 4500 ≥ 4000		•	• 1	1 7 . 5	11 g 4	***	7 a 4	14 g 4 7 g 5	- 4 4 4 - 7 4 5	7 • t		i		7.7	. 7 . 7	
≥ 3500 ≥ 3000		f	9 .		7	1.7	91.7	• <i>1</i> .	. 11	7	', e , -		•			
≥ 2500 ≥ 2000		7	· . • `	71 • 7 7 • •	4.1	4 .	115.3	٦. 7		.2.4 5.4.7		9.	•		`` `. . <u>-</u> *_•	
≥ 1800 ≥ 1500		4.	0.4 9.4	16.7	07.1	7 • 1	55. 57.1	7.1	• 1	• ,		7.3	• 1	7.5		
≥ 1200 ≥ 1000				97.5	5 7 . 7	***	07.7 7.4	F , 14	27.7	7.0	7.	57.4 (- 69		7.	د. • . <u>أعدا</u>	
≥ 900 ≥ 800		1 . 4	,	• •		70.	93.4	20.5	5. 0			1.3.4 -7.6.5	· / · / ? • !!			
≥ 700 ≥ 600		70 6 5 4 6 7		, 4 	90.	9.7		9.1 09.1	26.3	• î	7 • 7 5 9 • 4	. 9 . 4	, , 6.	9.2	39.4	· · ·
≥ 500 ≥ 400		5 · ·	4	19.3	30.€	19 . S	93.5 39.7	59.5	7	7	66.7	99.1		700	19.5	
≥ 300 ≥ 200		4,	7 •6 •5	10.4	53.7	9.7	20.5 20.5	34,3 39,4	٠, در	90.0	30.7	30.3	35.0	۵.	60.0	
≥ 100 ≥ 0		6.	9	44.4 0.4	99.7	9.7	99.1 44.	09.0 09.4		9, .	\$3.0 \$4.4	09.7		79.0	99.5	

TOTAL NUMBER OF DESERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 114	≥ 1%	≥ 1	≥ ¾	2 %	≥ %	≥ 5/16	≥ '.	≥ σ
NO CEILING ≥ 20000		•	7.				,	* . }	• 1	*	7	. 1			,	, .
≥ 18000 ≥ 16000			7 .			2.	77.7	***		7						
≥ 14000 ≥ 12000		•	7 . 7		• •	12.	77.	7.1	1. • 7	,	7 - 1	,	•	•		
≥ 10000 ≥ 9000		4 • !	• }	,	•		1 H . 5		74.5 4			.,				
≥ 8000 ≥ 7000		7	7		7	7.7	7	*	7	~	7 4	7 7	· . •	-		
≥ 6000 ≥ 5000		,	; ·	• •	. • 4	1.		1.	• 1	1.	. 1	i •	` .		``	•
≥ 4500 ≥ 4000						7.	• -	, ,	,			•			•	
≥ 3500 ≥ 3000				3	7	7.6	7		7.		•	7.		•		
≥ 2500 ≥ 2000		•	• '				1.1	3.1	1.1			1 • i			•	•
≥ 1800 ≥ 1500		3 .) •			4.	•				7 S		,			
≥ 1200 ≥ 1000				7,	77.	7		• •	• 1	•		•	•	•		
≥ 900 ≥ 600		5.1	•		f	2.1	\$. 9 \$ 0 . 0	• • • •	°	7. • 7. 7. • 7.	4 .0					
≥ 700 ≥ 600			ç ,	70.2	1 1		0.5	7	3.7	• 7	. 7	4 7	.,,			
≥ 500 ≥ 400			? .			0, 4 0, 4	55.7	7.7	9.₹ 39.₹	. , 7		7.7		7.7		
≥ 300 ≥ 200		4	ųσ , τ 4, , τ	1.7	1.7	6.7	125 .5 120 .3	1	• •	1				3		
≥ 100 > 0		•	5	,	1 .	19.0		(7 100		1 ;			111	

TOTAL NUMBER OF DESERVATIONS

13.

CEILING VERSUS VISIBILITY

\$TA*10H	STATION HAME	YEARS	HONTH
	PERCENTAGE FREQU	JENCY OF OCCURRENCE	
	(FROM HOURI	Y ORSERVATIONS)	HOURS IL S T

and the same of th

CRILING (STATUTE MILES)																
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/5	≥ 1%	≥ 1	≥ %	≥ %	≥ ⅓	≥ 5/16	≥ ₁,	≥ 0
NO CEILING ≥ 20000		• :,	•					4	٠,	8. 4, a 2		15 Fz	•		. 15	
00081 ≤		, 1	•								•	6.5 · ·				
≥ 14000 ≥ 12000		•	•		,		, .					,		7		
≥ 10000 ≥ 9000			71.		71.	1.				71.	,	71.0	71.	1.	/1.	
≥ 8000 ≥ 7000			•	• .	•	.7.	,		7 . 5	7	7.		•		``.	•
≥ 6000 ≥ 5000			, .	7.7	, , ,	,	, , ,		,	77.		/_•	•		7 7	
≥ 4500 ≥ 4000			7,	7	7	1.	7 .			1.	1			, ,	7 . "	
≥ 3500 ≥ 3000	-	•			•				•			•		•		•
≥ 2500 ≥ 2000			•				•		• •			•				
≥ 1800 ≥ 1500			•	,				. 7				•		•		
≥ 1200 ≥ 1000		•	•		•	" .	•	•	•			•			، بر د. الروايات	•
≥ 900 ≥ 800			•			•	•		•	•					: .	
≥ 700 ≥ 600		4.	•		•		•	• •	•		•		,	,	· .	· .
≥ 500 ≥ 400		•	• 1.	•	•	₹•	•							,		
≥ 300 ≥ 200		•	: • ·			7.1			•	•	-				10 ° • °	
≥ 100 ≥ 0		•	•			7.	7.				3,1	•	•			

TOTAL NUMBER OF	OBSERVATIONS	
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 1,	≥ 0
NO CEILING ≥ 20000			5 • ±	7	5 . T	. , ,	57	.7	3.4		f . 7	• •			!	•
≥ 18000 ≥ 16000		•	4 T 4	7 7 . 1	* 2 • 1 * 7 • 1	3.1	67.1	- 1	* 2 • 1	7.6 · · · · · · · · · · · · · · · · · · ·	. 1	64.5°	, ,	7	₹.	•
≥ 14000 ≥ 12000			;	1 1 1	• 1	3 • 1 5 • 1	47.1	1 jul 3 s k	. 1	5 7 • 1 5 • 1	* * 1	, , , ;	7.1	1.3	7,	
≥ 10000 ≥ 9000				• 1 • 4. •	* * · · ·	3 • 1 ~ 4 • 1	n 7 . 1 5 4 • 1	• 1	: 1 • 1 4• 1 • 1	6.4.5		1.1	.1	7.1	1.4.	
≥ 8000 ≥ 7000			,	5	i. • *	77.1	77.1	• • •	7 * . 1	7)	• • •	5 • 3		72.1	7 g g	•
≥ 6000 ≥ 5000		•	7 . 1	4,5	74.	10 a t 24 a 5	1	17.1	7 7 4	*	77.1 74.5	77.1	. 1	4.	5.4	•
≥ 4500 ≥ 4000		1.	7	7 . 4	76.5	74 . 2 75 . 46	74.0	7 .4	1 . 1	74.1	74. 7.,.		7 .4	74.	7 . 7	
≥ 3500 ≥ 3000			7.	3	* 1	7.3	. • i	1.3	. 1			• 1	. 1	• 3		•
≥ 2500 ≥ 2000		٠	₽ 2	1.9	ेथ . च इ.२ . ७	14 a 1	54.6 57.7	.	5	4 .	3	1. ju 1. ju		4.4		•
≥ 1800 ≥ 1500				. t.) , i.	7	34.7	7		3.7		+ + 4 + 7				· .
≥ 1200 ≥ 1000		. •	37.00 30.000 50.0000		10 4 2 34 4	5 • 7 •	7.0	7	5 7 . T	1 ts •	\ •			•	.7.	· ·
≥ 900 ≥ 800		•	•	17.4 11.4	,	-7.5 - <u>1</u>	7.0	• 3	• 1	6.4	v .;	5	• .	1 . /		•
≥ 700 ≥ 600			•		•	•	4 5 . 3	, 'y	, c	3 7	• • •			3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		· .
≥ 500 ≥ 400		•	•	• (•	1 .7	30.1 30.3								, , , 7	
≥ 300 ≥ 200			•			3 . T	10.7	7 • 5	0.7	. 5. 7	* *	5.6 , 7 14 , 7	0 • 1 0 • 7		: • • • • • • • • • • • • • • • • • • •	
≥ 100 ≥ 0			•	, ¢	υ . · · · · · · · · · · · · · · · · · ·	9.1	3,7	3,7	79.7	7.7	55.7	19.7	7.7	n 1		

TOTAL	MILIMBER	0.6	CIBSERVATIONS		
10171	MAMMEN	٠.	COSC - A		

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000					1. 7. 4	•		1 2 • 5 1 • 4	10.0	4.2 °C	9 T. 4	4 . 4				
≥ 18000 ≥ 16000		,	10 • 1		5 . G		67.4	. 4		13 . 3	. 3° . € 6° . °	ار مار د مار	1 2		61.4	
≥ 14000 ≥ 12000		. 7			4, 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		60.0	f 8	ا ه م	1. 1. a. y	1,5	± 3 5	K = 5			•
≥ 10000 ≥ 9000			*: *7	24.60	71.	7).	71.	71.6	71.7	71.	71 •:	71	71.	71.	71.	7:.
≥ 8000 ≥ 7000	· · · · · ·	, ,	7 α .	7 . 7 7 . 1	7 C 2	7/01	7".7	7	7	75.0	7	7 . 2	77.2	75.2	79.1	7 .
≥ 6000 ≥ 5000		• • •	7	7.1	7:01	79.1	9 1	7 1	1,1	7 • 1	7 1	7~.1	1	72.1	71	
≥ 4500 ≥ 4000		1	F 1 .	4.	3.7	.4.7	3.4.	7 • 3 4 • ·	36.5	34.5	: ^ ? 	, . • . ., i, . ∈	, , , s	14.0	·	
≥ 3500 ≥ 3000		/4.	2 - 4	7.0	43.3	5.7	35.€ 18.5	-1, a b ₽ a 3	7 7 5 °		.5.°	25.5 28.3	r . r	15 • 1 4 • 3	3 E . 1	
≥ 2500 ≥ 2000			5 j •	1.1	1.5	1.	\$1.5 7.6	13.5	1.5	51.5 73.6	71.7 52.5	1.3.65 14.3.65	7.2 g t 7.7 g t	71.5	41.5	
≥ 1800 ≥ 1500				4.7		٠.	() () () () () () () () () ()		5 (92.5 3.5	69.6 95.8	92.9 15.5	< 7 . C	1 -	5.	
≥ 1200 ≥ 1000		,	, " , 7	54.7	و ژاپ د م	-5.0	7.5° 76.05	b •	36.5 36.5	05.6 15.0	+5.6 4€.5	5.0° 25.0°	75.45 75.45	95 . C	-5. -26.5	•
≥ 900 ≥ 800			35 "H	17,4	9	6.	96.5 5 . 2	10 • 1 • 2	76.7	96.00 70.02	96.5 V5.2	98.5 78.8	· , , c	94.5	< 5.	. ,
≥ 700 ≥ 600		4.7	7 7 0	3 . 9	99.5	A . 6	39.6 59.7	5.3.6 54.3	95.4 35.4	ាំង•៦ ៩ម.ក្	ን ስ . ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡ ፡	90.6 .5.3	4: W	1	33.	
≥ 500 ≥ 400			7	(3 	7	9.7	79.7	-7.7	9.7	75.7	49.7 20.7	49.7	.9.7	14.7	29,7	
≥ 300 ≥ 200			***	1. 7 . 3	50.7	5.7	99.7	9.7	3.7	;^0^ ; ;;	100.0 160.0	100.5 105.0			100.5	
≥ 100 ≥ 0			7.7	00.3	00.7	5.7	3.7	96.7	36.7 35.7	١. ٠.	11.0	100.6		0.001 0.001	100.0	Γ '

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FERT)	VISIBILITY (STATUTE MILES) ≥ 10 ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 2½ ≥ 2 ≥ 1½ ≥ 1½ ≥ 1 ≥ ½ ≥ ½ ≥ 5/16 ≥ ½ ≥ 0															
(FERT)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ ;	≥ ¾	≥ %	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	i	F .	٤	6 . 4			5. 4	1	7.4	61.4		1.4	7 . 4	5 (4 4)		
	<u> </u>	+	7	77 2 . kg	7 / 4	73.4	77.4	7 . 4	7 . 4	7 3 4		77.4	77.4		77.	 -
≥ 18000 ≥ 16000		•	7 7	- Y	77.0	3.4	77.6	13.4	7	3.4		7: •	7 3 4	73.4	73.4	
≥ 14000 ≥ 12000	- -		7	- 1	73.2	4.1	74.1	74.1	7306	75.3	74.1	73.1	* 3 a H	* 7	73.0	
≥ 10000 ≥ 9000		1	,	. 5		79 E. 4. V.	7	71.6	71.5	10.0	•	1000	• • 1	75.7	71	
			-	7		76.	7.	71 6	7 - 3	75.65	7	7	7 . 4	7.	7:	-
≥ 8000 ≥ 7000		,		7 - 1	7 • 0	74	7: 4	7 .4	7 .4	1		77.4	1 . :	7:40	1	
≥ 6000 ≥ 5000	i	•		1.2	1.6	1.5	1.5	1 .:	1 . t	1.5	2 1 4 A	#1.5 #7.7	3.0	1.	1.4	•
≥ 4500 ≥ 4000			, ,	. 3		3.7	35.5	6 7 7	73.7	3 3 . 7		3 . 7	. 7		. /	· · ·
≥ 3500 ≥ 3000		, .				7.	*7.0	7,7	77.T	57.7	37.5	27.9	7.2	:7.:	79.5	
≥ 2500 ≥ 2000				(4		3.6	37.	50.0	3.6	7	6 .	3	•			
≥ 1800 ≥ 1500				13.4	U4 .	4.00	3 E . 7	4.7	24.5	C4.	. 7	56.7	2.7	\$4. 5.7	7	-
≥ 1200 ≥ 1000		7.0	34.7	. 7	14.1	6.2	\$ \$. 2 (\$. 5	5.1	16 • 1	1	16.	76.5	1	6.0	0.1	
≥ 900 ≥ 800		4.	7/	5 / 4 1	7 0 0	5.	77.7	6.	48.5 97.5	75.5	7.7.2	57.2	4.5	35.0	96.	3.
≥ 700 ≥ 600		5.0	, ,	77.5	37.	7.0	25.6	27.0	07.5	97.3	37.	37.	<u> </u>	6 9 . 9	73.3	
≥ 500 ≥ 400		1.5		3 .9	, ^ ,	9.7	117.7	9.3	50.7	79.3		20.7	0.7	50.7	59.7	
≥ 300 ≥ 200				. 3	7	9.7	20.7	G.7	3 7	09.7	Ω € . 7 7	70.7	1100		127.7	
≥ 100 ≥ 0		7		5. 6	30.3	9.7	29.7	9.7	90.7	49.7	50.7	53.7	100	100.0		l (. •

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)							VIS	IBILITY (\$1	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 1%	≥ 1%	≥ ;	≥ ¾	≥ %	≥ 14	≥ 5/16	≥ 14	≥ 0
NO CEILING ≥ 20000		4	7	: 1.7 7/•3	7/ 6	y. 6.2	75		7 6	72.2	t 1 • 2 7 = • 2			•	55 g 5	,
≥ 18000 ≥ 16000	•	4.1	7	72	7		74.2	75 • 2 76 • 2	*	10.0	7. 2	76.2 75.2		3 5.	7	,
≥ 14000 ≥ 12000			*E.2 77.7	7: •2	7	7t + 0		76.45 77.45	74.4	70.0	76.7	7 No. 11 7 Page 2	7,7,7	77.	7	7
00001 ≤			7 .1	7:	7 . 1	1 ~ .) 2	77.1 75.4	7.4	77.1	7 4 6 4	79.1 71.4	79.1 75.+	6, 9	70.5	7 4	
≥ 8000 ≥ 7000			4	• E	i i	2 •€ 2 4 • 4	- 4. - 13 - 14	, N) 6 12 64 6 44		. • •	7 . 6 4 . 4	4.4	u	• •
≥ 6000 ≥ 5000			•	• • ii	F4.4	'4,6 6.2	04.4 CC.7	• • •	- 4 g 4	. 	, In , is	4 . 4	3 . 6	4 . 4		•
≥ 4500 ≥ 4000		i.	•	7.0	€ 6 . 5 € 7 . 6	υ•* 7•3	0 h = 5 7 7 • 4	70.0 77.0	98.4 8 7.7	7.	£ 5 . € . 7 •	* / • * - 7 • *	•	7.	7.7.5 7.	
≥ 3500 ≥ 3000		t • "	3		3.7	85.7	0 M • *	* * * * * * * * * * * * * * * * * * *	; ; • °	ਲ∂.7 ੧ .	4	36.7	•		; c . 7	*
≥ 2500 ≥ 2000				71.0	97.7 97.7	12.0 3.3	.7.5 ~3.6	7.6 13.6	12.5	* • • •	5 7 . C	10 € 10 10 ₹ • 5	7.66	• *	3.5	
≥ 1800 ≥ 1500		, ,	9 1 • 8 9 4 • 7		97.7 45.4	: 	45.3	3.6 18.7	7	-5.7	7	5 • 7	7.5	7.5 7.5	.,	
≥ 1200 ≥ 1000		1.	+ •4 197 •	7.7	76.1 57.		34.	18.45 -3.2	Ψέ•5 14 ••2	70.00 75.00	58.5	6.5	, , ,	0.	`A. °	
≥ 900 ≥ 800			94.1 77.1	07.2	77.0	·7 • **	77.9	17.2 12.9	0 3 € 5 10 3 € 5	90.0	97.0	कह•ुर कह•ुर	• 7	66.3	40.4	• •
≥ 700 ≥ 600		3 • 3	14.7 . 5	31.6	9 6	5 . E	1, 2 . 9	97.4 9.5	7	52.5	1	34.0	3.7	:9.3	96.5 00.3	9
≥ 500 ≥ 400		?	57.6	33	. a	9 . 2		16.3	7.7	(0,3 (0,5	99.	79.3	7.7	49.7 39.3	0 0 . °	
≥ 300 ≥ 200		3.1	7."	6 • 2 5 × • 2)) . ?	9.3	49.3 59.7	19.5	39.7	29.7	्य । प्र	39.3 39.7	C.3	99.7	20.7	•
≥ 100 ≥ 0			3 0	1 1) (9.5 9.5	70.7	19.7	10 T	35.7 39.7	47.7	17.7	9.7	79.7	7.7	

TOTAL N	UMBER OF	OBSERVATIONS	

STATION NAME

CEILING VERSUS VISIBILITY

HOURS (L & T .

≥ 0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 ≥ 5 ≥ 5/16 ≥ 6 80.9 NO CELLING ¢. • 5 45. ≥ 20000 74. 74. 74.5 74.2 74+1 74. ≥ 16000

74. 74. 76.0 4 . " 74 . 2 74.5 75.5 72. > 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 > 4000 36.7 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 21.2 21. :1.9 ≥ 1800 ≥ 1500 5,4 96.6 47.2 16. 1200 17 . S 97.4 -7. s 900 800 • • 700 600 <u>></u> 500 400 ≥ ≥ 117. . 4. 7 170.7 7.7 57.4 9.7 9.7 100 13.7 19.7

70744		^*	CREERVATIONS	
IOIAL	HOWSEN	Ur	OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		,	7	7 ,	7	79.9	75.2	70.0	70.3	75.2	79.9	75.8 79.8	70.2	79.3	7°.>	,
≥ 18000 ≥ 16000	_		7	70.5	34.0 30.5	74.0	70.0	75.6	79.8	7.5	70.9	7 . d.	17.3 77.6	79.1	79.0	7
≥ 14000 ≥ 12000		, ,	7 . 3	* 7	1	*9.5	79.8	75.5	17.6	77.5	79.9	3.47	70.0	79.5	73.4	•
≥ 10000 ≥ 9000			1.5	1.0		1.	91.5	1.9	21.7	41.0	21.3	*1.9	11.5	A).9	^1.	1.
≥ 8000 ≥ 7000		7.		* •	. 1	5.1	5.1	"K.]	25.1 - 3.7	35.1	6 (•) 1 = •	20.3	55 • 1	65.1 85.3	15.1 60.7	
≥ 6000 ≥ 5000		7.	7.0	77.3	27 7	8.7	59.3 29.7	7 • 3 2 • • 7	63.	1 / . 3 8 0 1	30.8 20.8	80.7	7		e.	u,
≥ 4500 ≥ 4000		7.	,	5 3 . 7 5 7	5" . !	7 -	د د ا	.1	3 4	A	5	1 .	. 1	70.1		
≥ 3500 ≥ 3000		4	5 . ~	7	5. 0 . 1 - 1 . 1	1.0	01.5	11.3	7 . • 1. 71 • 5	91.5	5 1 . 5	1.	1.5	75.	7.1 51.5	• 1
≥ 2500 ≥ 2000		1.	- 4	10.2 15.4	22.4	5.1	66.1	5.	10.4 16.1	77.5	: .7 • £	97.65	57.6	52.5		•
≥ 1800 ≥ 1500		4.	95.7 97.5	15.7 55.8	18.5 27.5	7.0	34.5	ិក•ដ	96.5 37.5	70.5	30.5 97.0	46.5	7.7.5	36.5 37.	47.5	
≥ 1200 ≥ 1000		5.5	47.7	97.0	6 4 . 6	ंसं. € क्रुल	96.6 95.9	1.4 09.6	31.4 30.4	00.5	96.6	7.0 g	* (.	9 a 9	13.6 48.0	· ,
≥ 900 ≥ 800		6	9 . 1.	7° . 6. 48 . 6.	50.5 25.3	9.3	e 3. 3	0 . T	99.7 99.3	30.3	39.3 30.3	95 . 1 29 . 1	19.3 19.3	79.3	9.7	•
≥ 700 ≥ 600		6.0	91.6	° 0 • € * 8 • 8	5%. T	9.3	90.5	9.3	70°3	99.1	ଓ୍ଟ ୍ ଞ ଜ୍ୟ ୍ ଞ	59.3	40.3 49.3	00.3 00.5	90. 90.7	;;;
≥ 500 ≥ 400		6.	9 . 4	3 t • to 2 € • €	19. t	9.7	99.3	76.3 70.7	77.3 7.9	34.3	50.3 90.3	39.7	50.7 1 ^ •	7 3 3 3	94.7	
≥ 300 ≥ 200		6.	9 (4 ¢	": - € - 3 <u>-</u> ¢	99.7	9.7	9:07	6.7	99.7 99.7	99.7	99.7	19.7		Γ .	100.7	
≥ 100 ≥ 0		£ .	3		20.7	9.7	20.7	9.7	27.7 27.7	7.5.7	99.7	. u . v	100.0 100.0		100.0 (00.0	10 a

TOTAL NUMBER	OF OBSERVATIONS	

G

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ 1/2	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		i li	50.6 70.5	64.03	1 h	6.	56.7 72.3	7.1.3	77	66.c	77.3	66.8 72.3	77.5	66.5 73.8	75.3	
≥ 18000 ≥ 16000			7 . ~	73	7 . 4	72.3	77.43	77.3	77.4	72.3	77.5	72.3	7		77.3	• •
≥ 14000 ≥ 12000		1.1	7 . 3	7.6	77.5	72.5	77.5	77.5	77.5	72.5	77.5	72.3	. 5	77.5	77.5	,
≥ 10000 ≥ 9000		1 2 6	73.0	74	74.7	4.2	74.2	74.5	74.3	74.1	74.2	74.7	74.3	14.2	74.	
≥ 8000 ≥ 7000		7 .0	77.5 67.6	7.3	7 * . 7	77.8	77.8	77.8		77.8 5 .7	77.8	37.4	-7.5	77.8		
≥ 6000 ≥ 5000		•	11.0	•	0.3.	2.3	SE. 6	10.0	3	2	9	ر د د از و د	n .:			
≥ 4500 ≥ 4000		. € 7 • J	5 • 5 • 4 • 7	2.6	35.	۶ ۷.	80. 35.	42.7	13.7°	02.1	£2.7	30°.7° 75.7		7	27.3	• • • • • • • • • • • • • • • • • • • •
≥ 3500 ≥ 3000		7.	5°.5	a	27.0	5.c	्रम् अस	45.9	.5.°	37.3		3.0	7.0	5		
≥ 2500 ≥ 2000		7.5	2° .6	9	y .1	2.6	00°.2		67.0) . ? 43.			7.7	- 10 - X	• •	
≥ 1800 ≥ 1500		•	20.0	7.7.9 05.4	47.7	3.2 5.7	97.3 95.3	7.3	9 5 4 9 5 4	C 3 . 3	د ۲ ۰ ۶ د ۲۰۰	47.3 95.6	60.7	05.8	77.4 75.0	
≥ 1200 ≥ 1000		4.	ر و دو در و عو		0.7	5.	96.9 27.8	.6.9 ∴7.9	98.0	96.0	97.8	97.6	91.0 97.0	9 6. 5	97.5	77.
≥ 900 ≥ 800		i .	97.7	57.5 01.1	97.6	77.9 8.5	98.1 98.6	75.1 75.6	0.4.6	71	7 · 1	98.1 58.6	20 • 1 20 • 7	48.7	10 ° 2	
≥ 700 ≥ 600		• 3	97.0	9 . 7	e, • 6 ∋ ; • 6	. 8 . 7 ∶# . 9	ଜ୍ଞ କ୍ଷ୍ୟୁ ଜ୍ଞ କ୍ଷ୍ୟୁ	ω' . α ~ α . .	C +:	26 • 3 26 • 3	\$ 0 . 4 6 . 4	· · · 9	^ • 9		30.	•
≥ 500 ≥ 400		. 4	90.4	ा ३ • अ . ∵ • ६	33.2	9.2	90.4	1° 0 € 4 1 € € 5.	99 4 93 8	54.5 94.5	5 G *!	4.6	°°•5	.9.7	77.6	73.
≥ 300 ≥ 200		• •	يا ۾ در " و	72.8 14.	99.5	9.4	99.5	9.6 99.7	79.7	79.6 -3.7	99.7	79.7	19.9	49.4	99.3	
≥ 100 ≥ 0		• 4		77.0	99.4	9.5	99.7	9.7	94.7	00.7	19.7	79.7	50°¢		66.0	T I

 	~-	ORTERVATIONS.		

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 ≥ 4 ≥ 3 ≥ 21/2 ≥ 1% ≥ 1% ≥ 5/16 NO CEILING ·] . 1 1. 2 ... 7. • : . - 1 -1. 1.1 : . ≥ 20000 ~4· -4 . . 4, 4 . : 4. ij. • - 44 e ≥ 14000 ≥ 12000 7.5 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 6000 5000 22. 4500 4000 73. 03. 97. 76 . 1 2 to • 1 2500 2000 ₹?•± ≥ 27.7 1000 59. 74. <u>≥</u> 0.72 10.0100.01 na.r 300 200

TOTAL N	UMBER OF	OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/2	≥ 1%	<u>≥</u> 1	≥ %	≥ %	≥ 14	≥ 5/16	≥ ¼	≥ 0
NO CEILING		- 1	7 . *	7, , 7	77	7ć . 7		7 1.7	7 , , 7	7 7	7:.7	7.7	7.0	7".	÷7.	7.
≥ 20000		400	• 3	3	• 4	- 3	37.3	,,,,,	3	•			د ه	•	1	
≥ 18000 ≥ 16000		1 • 1		2 • 3	ابد میرا ا	2.5	3			3	• •					•
		1						•		- -	* 3 • 3				•	
≥ 14000 ≥ 12000		. • •	•	. 6	• • •	2.6	4 6 5	7.00	2		17.5					•
		1 . "	2 2 3		3.6		77/		37.6	23.0	77.7 77.8	<u> </u>		* * *		
≥ 10000 ≥ 9000		•	3	2.6		3.0	37.5 13.0	20.5		23.0	5 7 5	3 3.6 3 4.9		2 h 2	3.	
		+ : 3	1	• 1	5.1	6.3	(,)	4.1	1 1 1	F (.)	26.02	1	• 1	1.	1 4	
≥ 8000 ≥ 7000			37.1		2 43	7.4	3 4	7.4	5.7 B	a 7 . 4	57.4	. 1 Ma		7		
≥ 6000			77.1	7 . 4	72 P 14	7.4	7.4	7.5	7.5	7.4	3 . 4	27.4		*7.7	07.7	
≥ 5000		, ,	37.7	64.1	16.1	^ . 1	4.1	02.1		A	55.1	(·1	;	4	1 4 . 4	19.
≥ 4500		7.1		50.1	55.1	3.1	58.1	10.1	• i	7 · 1	J 4 + 1	39.1	0.1	. 3 . 4	, F , L	
≥ 4000			2 . 7	2.0		15.4	71.0	1.00		/* 1 • ·	• 1	- 1 · 1		_n	•	
≥ 3500		• 7	71.	1.6	1 3 . 4.	1.6	43.4	-1.6	11.5	2 1 at	21.6	11.5	11.0	11.3	31.0	1.
≥ 3000) · · · · · · · · · · · · · · · · · · ·	y .	23.2	23.2	3.4	7.5	₹.:		¥ 5.02	33.2	41.7	. ?	12 3 • S	2.5	
≥ 2500		•	3 . 6	- 4 a to	34.5	94 €	94.8	:6.3	34.	34.5	76.7	446	f.	95.2	5.3	
≥ 2000			25.1	7 .5	36. €	ે ઇ • ૧	34.5	76. o. f	46.6	86.	16.5	-6-5	٠, ٠	6.	ે 6.	≯ (•
≥ 1800		•	36.1	76.5	76 .5	6.	34.5	6	46.0	60.0	76.€	40.5	'c • 5	>6 €	34.	
≥ 1500		5.	97.4	97.7	37.7	7.7	97.7	₹7.7	97.7	77.7	77.7	97.7	97.7	98.1	63.1	٠.
≥ 1200		7 • Å	97.7	08.1	7 . 1	- 1	92.1	98.1	15.1	5 2 . 1	7. 1	7 .1	. 1	: 10 4	, F , 4	₹.,
≥ 1000		7.7	5 . 6	7	. 7	. 7	26.7	91.7	១៦ 🌁	Va.7	28.7	98.7	. 7.7	· * • • • • • • • • • • • • • • • • • •		
≥ 900		7.7	Ç , u	7	5.7	P.7	9P.7	71.7	3.3.3	79.7	94.7	14.7	. 7	. 5.	-9.	₹.
≥ 800			9 .7	54.3	99.0	9.	40.	26.4	(19.0	Sy .	59.	99.		29.4	59.4	6.0
≥ 700		2.1	9 .7	14.	2:01	9.7	08.0	0.	7.3.	23.11	40.7	09."	, E 🐞 🖰	19.4		٠,,
≥ 600		. 4	2000	10.4	47.4	9.4	79.4	^ ? . u	. 7 . 4	G G . 4	50.4	-9.4	15.4	19.7	·\$.7	· : .
≥ 500		7.4	73.0	19.4	4.	Ç,4	99.4	40 . M	. 9 . 4	99.4	97.4	26.4	. 0 . 4	09.7	36.7	49.
≥ 400		7	97.4	20.7	40.7	9.7	50.7	6.7	49.7	25.7	60.7	59.7	7.0 , 7	hec.	100	
≥ 300		. 7	21.4	74.7	7.7	0.7	99.7	9.7	10.7	12.7	99.7	4.7	7.7.7	170.0		
≥ 200		. 1	90.4		, ,	9.7	49.7	19.7		79.7	99.7	9.7	.0.7	100.0	00.00	
≥ 100		1.7	0.0	0.7	59.7	0.7	99.7	5.5.7	19.7	29.7	39.7	09.7	17.7	123.6	100.0	^
≥ 100 ≥ 0			64.4	19.7	29.7	9.7	.)0.7	39.7	59.7	19.7	40.7	49.7	159.7	0.00	00.0	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ :	≥ ¾	≥ %	≥ 1/3	≥ 5/16	٠, چ	≥ 0
NO CEILING ≥ 20000			? . 1	7	7 . 1	3. / 7 1	7 .1	7.1	7:4	7:1.3 7	70.1	7 • 7 • • 1	, ,	7		
≥ 18000 ≥ 16000		14 .	7 . 1	7 • 1 — • 1	7 . 1	76.1	78.1	7 • 1	7 • 1	7 - 1	7: .1	7 - 1	7 .1	71	7	
≥ 14000 ≥ 12000		•	7 . 7	7 . 7	7 7	7 - 44 7 - 7	70.4	7	7:44	7 7	7	7	7 . 0	7	7	7
≥ 10000 ≥ 9000		7.	7	, , , 7	7 • 4 80 • 7	* 3 . 4. 23 . 7	70.4	75.4 50.7	77.4	7	. ti	70.4	7:00	7:4	7:	
≥ 8000 ≥ 7000			7.2 2.4		7	* 4	50.2 20.1	7.2 36.43	12.02	1 3 . i.	c	38.5 31.43	· • 1	· .	3.	
≥ 6000 ≥ 5000			, s		n 2, .) 5 ()	50000		10 € 5 3 4 € 1	# 6. a * t = • 1	15 .]		• 1		- 4	
≥ 4500 ≥ 4000		4 . V	7	• •	3 · 4 】 基 4 · 4	F . 1	5 1 • 1 8 7 •		4 9 5	3.4	^•! 2	•	• ;	• • •	• • •	
≥ 3500 ≥ 3000		7. 5.44	્રેક્ક કેકક	1.9	• 7 • } •	1.	91.	.7 1.	11.7	11.	7	7	1.	,	, 7	
≥ 2500 ≥ 2000		•	3 . °	**.7	1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	عي الميا	75.0 34.6€	3.0	. 7 . 7	्प ् र पिक्	9 4 • 5	77.03 8.05	•			
≥ 1800 ≥ 1500			2	•	\$6.00 25.00		54.5 28.3	34.A	96.0	74 e :	94 34	7 h. e	"		-4.	19.
≥ 1200 ≥ 1000		in	95.4 95.1	, 4		* • 1 2 • 7	*1		* • 1	1 · · 1	7 • }	· · · · · · · · · · · · · · · · · · ·		* • * • * • * • * • * • * • * • * • * •	:.1 1 <u>:</u> 1	• • • • •
≥ 900 ≥ 800			3 · 1		0 .7	9.4	១។ .? ១១ 	70.4	30.4	7 7	38.7 59.4	7	ن و :	7	7 a . 7	· , · · - <u> </u>
≥ 700 ≥ 600		3. • 1	97	19.00 19.4	7	7.7	7,4	"", u	7.7	19.4 19.4	47.4	->-4 -,⊆ <u>-7</u>	4	15.6	9 7	* •
≥ 500 ≥ 400			910	,	100.0 100.0	1 (D. F)	102.0	2	1.50	ryen		1000 1000		<u>.</u>	•	
≥ 300 ≥ 200			97.4	. 7	: 3€ • 6 }	1 0.5	185.6 186.6	1 77.0	r	190.c	107.3			1 3 . T	:	
≥ 100 ≥ 0), •	9.7	7.7		0.	- }•(≱,		30.0	1-	10:00 10:10		107.5 125.40		170.45 180.40	

TOTAL NUMBER OF	OBSERVATIONS	

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13.

CEILING VERSUS VISIBILITY

HOURS . L B T .

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Similar man

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 ≥ 5 > 3 ≥ 6 ≥ 21/2 ≥ 11/2 ≥ 1% } ≥ o 7., NO CEILING 74, ٠. ـ . ≥ 20000 7 ... ≥ 16000 ≥ 16000 ≥ 14000 ≥ 12000 . ≥ 10000 ≥ 9000 3 . 1. À. . 1. ≥ 8000 ≥ 7000 • • • 7.4 3 • • 5 • • 7 ? . . ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 ï . 7.7 ٠. 1.7 • ≥ 3500 ≥ 3000 ī, ī , ş, ≥ 2500 ≥ 2000 3.1 ≥ 1800 ≥ 1500 . 1 6.5 ≥ 1200 <u>≯</u>1 ∧ <u>≥</u> ٠. 700 <u>≥</u> 500 400 300 200 . . 9 **,** 5 ≥ 7.4 :7.6 7.4 · 7 · 7

TOTAL	NUMBER	OF 0	ACEBU	LTIONS	

The same of the sa

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) VISIBILITY (STATUTE MILES) CEILING ≥ 5 ≥ 4 ≥ 3 ≥ 10 ≥ 6 ≥ 21/2 ≥ 2 ≥ 11/4 ≥ 1 ≥ % ≥ ⅓ ≥ 0 ≥ 11/2 ≥ % ≥ 5/16 NO CELLING ≥ 20000 ্ ী • • • • . . . 7 ≥ 18000 ≥ 16000 ٠ ≥ 14000 ≥ 12000 · . 1 ≥ 10000 ≥ 9000 (. : ·. • ≥ 8000 ≥ 7000 1.0 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 9. • ≥ 3500 ≥ 3000 • · • • • ≥ 2500 ≥ 2000 <u>≥</u> 1800 1500 <u>≥</u> 1000 <u>></u> 900 800 9 🗸 4 <u>></u> 600 <u>></u> 500 400 0.0 • . 3 °. 300 <u>≥</u> 100 <u>≥</u>

TOTAL NUMBER OF OBSERVATIONS

STATION HAME

CEILING VERSUS VISIBILIT

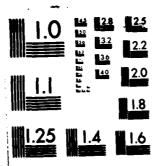
HOURS ILST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	<u> </u>
NO CEILING			2 1		****	7,1	7.3	7.1	· · · ·	77.1	7 :	77.1	٠		 -
≥ 20000	L	•	• •	4."	•		4.						•	4.	
≥ 18000 ≥ 16000		•		8.4.		4 . ·	4.	4 . C		,		4.	-) 	6 s ,
≥ 14000 ≥ 12000				4.	".	4.	2 l	5	1,						
≥ 10000 ≥ 9000		•					, ,	3.7				•			• •
≥ 8000 ≥ 7000			• 7	1.	• 1 • 1	1.		1.7	1	, .	1	. 1	. ,	· · ·	•
≥ 6000 ≥ 5000		i		1.		1		1.	•	*:•	1	1.	•	7.	
≥ 4500 ≥ 4000		• •		• ;	•	•	7	3		•		•	:	•	•
≥ 3500 ≥ 3000				, ,		2 ·		•			•		•	•	11 .
≥ 2500 ≥ 2000	i	٠,			• •	5	f . 3	· • :	• •	•	•		•		77
≥ 1800 ≥ 1500			• •	•	•	9.	v +, •	5.4			·				-
≥ 1200 ≥ 1000		•	•			9.5	7 u.	7.4	3						
≥ 900 ≥ 800				• •	• •		,	· . 7		•	?	, , 7			•
≥ 700 ≥ 600			3.	, ,	. 7		70.1 7.0			7	7.	• •		•	. 7
≥ 500 ≥ 400		1.	2 1 . 1 2 1	. 7	• 7			\						į !	
≥ 300 ≥ 200			G 7.4	.,	3.7	3.7	71 7	2.7	, .	•		1 · · · ·			
≥ 100 ≥ 0		•	3.	, , 7	• •	₽.*	7	, ,		•			•		

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MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	181LITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000			7	50.D	37.7	0.1	7.5	2.5	3 0 0 0 10 0	04 . €	67.	a	111	- 0•€		•
		400	8 •	<	96.		6605		<u> </u>	55.5	200	86.5	جعب	3005	-200	
≥ 18000 ≥ 16000		4.5	3	26.5 86.5	86.5	66.5	36.5	96.5 FA.5	66.5	86.5	65.5	96.5	26.5	36.5	55.5	30 e
≥ 14000 ≥ 12000		4 . 5.	A 5	€6.0	24.5	.6.5	84.5	5.5	85.5	26.2	96.5	36.5	ž · • 7	36.5	36.5	F = •
≥ 10000			47.1	75.8	27.7	57.7	07.7	87.7	36.9 67.7	87.7	26.8	96.3 P?.7	85.5	87.7	57.7	15.
≥ 9000		^ 1	87.1	7.7	67.7		87.7	31.7	87.7			- 1		97.7		
≥ 8000		4 4	6	Title C	70.0	0.0	30.€	್ದ. 0.0	37.5	5 . 0	99.0	20.7	•1.	>C	នព.ក	• • •
≥ 7000 ≥ 4000		24.7	9 7	71.9	91.6	1.6	1.6	71.6	71.5	91.6	91.5	91.6	1.6	~1.0	91.6	71.
≥ 5000		7	91.6	f ' '{	9.3.6	2.5		7.06	0.7	77.6	9.06	16.5	22.6	. 6	37.6	
≥ 4500 ≥ 4000		37	91.6	~2.3 ~3.6	92.6 93.9	72.6	92.6	03.9	92.6	93.9	47.6	97.0	43.9	92.6	93.0	0 1 1
≥ 3500 > 3000		201	23.6	54.2	34.2	74,5	94.5	74.5	94.5	74.5	94.5	94.5	54.5	74.5	24.5	34.5
≥ 3000 ≥ 2500		4.5	95.5	96.1	98.5	47.1	96.5	97.1	96.5	96.5	96.5	97.1	36.5	57.1	94.	7000
≥ 2000		5 .	96.5	07.1	97.4	67.4	97.7	77.7	47.7	37.7	97.7	97.7	67.7	77.7	97.7	57.7
≥ 1800 ≥ 1500		5.5	96.7	95.1	97.4	7.4	9.7	97.7	97.7	97.7	97.7	97.7	67.7	97.7	96.7	97.7
≥ 1200 > 1000		6.5	97.4	48.1	96.4	0 A . W	\$8.7	S8.7	97.7	96.7	96.7	98.7	97.7	CA.7	58.7	
		5.	97.7	98.7	99.4	09.4	99.7	59.7	99.7	99.7	99.7	9.7	200.7	79.7 29.7	99.7	50.7
≥ 900 ≥ 800		6.	97.7		90.4	9.4	99.7	9.7	99.7	99.7	99.7	99.7	09.7	99.7	49.7	3.7
≥ 700 ≥ 600		6.5 26.4	97.7	70.7	99.4	79.4	99.7	99.7	49.7	59.7	99.7	99.7	99.7	39.7	\$ 9. 7	59.7
		7.1	9 1	29.0	79.7	99 a 7	00.0	00.0	102.0		100.5	66.0		100.0	100.0	
≥ 500 ≥ 400		7.:	91.1	99 n	7.7	04.7	00.0	00.0	30.0	00.0	00	00.0	20.2	10.0	100.0	20.5
≥ 300			96.1	79.	29.7	39.7	00.0	10.0	00.0	100.0	03.0	00.00	0.00	J.0.C	0.00	10.0
≥ 200		7.1	90.1	79.	39.7	19.7	00.0	100.0	30 7	100.0	00.00	00.0	20.0	70.0	00.0	(D -)
≥ 100 ≥ 0		7.1	96.1	29	99.7	9.7	1 0 • 0	190.0	100.0 100.0	100.0 100.6	100.0	100.0		00.0	100.0	

TOTAL NUMBER OF OBSERVATIONS_

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2 WOURS (L S T 1

CEILING							VIS	IBILITY (SI	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ 46	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING		3.1	14.5	74.5	₹4.8	34 . 5	50.5	94 . C	34.4	54.5	34.5	F &	<i>,</i> 6 • 5	14.5	.4.5	15.4
≥ 20000		1	67.1	5.7.1	F7.1	7.1	87.1	37.1	57.1	F.7.1	27.1	67.1	27.1	57.1	47.:	27.
≥ 18000 ≥ 14000		4.01	I	7.1	97.1	17.1	67-1	47.1	37.1	87.1	e 7	47.1	7.1	£7.1	: 7.1	27.
		5.01	87.1	57.1	87.1	7.1	87.1	F7.1	-7. L	27.1	67.1	P.7 . 1	- 4	47.1	7.1	47.1
≥ 14000 ≥ 12000		6.5	87.1	47.1	57.1	7.1 57.4	97.1 87.4	47.4	67.1 67.4	47.1	97.1 37.4	67.1 57.4	7.4	7.1	37.1	£ .
≥ 10000		• 1	34.1	28.1	15.1	3.1	58.1	39.1	95.1	3: .1	3/1	£ 9 - 1	1	: 8 . 1	3.9.1	•
≥ 10000		7.	34.1	28.1	79.1	6.1	38.1	*4.1	28.1	98.1	88.1	19.1	-9.1	33.1	, 9 . i	5
≥ 8000		1.0	92.00	".".0	37.6	2.6	12.5	42.6	57.6	92.6	77.6	9	0.00	92.6	93.0	7 .
≥ 7000		2.3	93.7	-3.2	23.2	3.2	93.7	23.2	33.2	+3.7	93.2	93.2	>7.2	68.3	y 🕽 • ?	٠, ٠, ٠,
≥ 4000		-2.6	3.5 %	73.2	3.3.5	3.2	23.5	93.2	4 3 6	7.02	93.2	< 3.2	3.2	23.2	43.7	7 1
≥ 5000			2		93.2	-3 - 2	93.2	93.2	97.7	93.2	92.2	≎ 7 • 7	73.2	3	38.3	• •
≥ 4500		7.5	# 7 . A	1 1		3.6	93.6	53.6	93.6	93.6	48.6	23.00	77.6	33.€	4.70	
≥ 4000	_	3.3	54.2	* . 2	30.3	4 . 2	94.2	C4.2	74.7	04.2	94.2	54.2	24.2	24.5	94.7	
≥ 3500		3 - 5	54.5	94.8	94.0	94.9	94.4	94.8	94.4	30.4	94.7	94.5	C 4 . 0	04.6	94.	94.
≥ 3000		16.5	25.5			5.	75.5	34.5	15.5	¥5.5	38.5	95.5	7.5.5	45.5		
≥ 2500		•	Ç 4, • *	75.5	26.5	16.5	96.5	76.5	26.5	96.5	96.5	06.5	V6.5	36.5		
≥ 2000		6.1	47.4	1	97.4	~~.*	97.4	97.4	47.4	97.4	\$7.4	97.4	97.4	37.4	27.0	• • • •
≥ 1800 ≥ 1500		5.5				7.7	97.7	37.7	7.7	97.7	97.7	97.7	27.7	- :	1 1	
		7.4		79.4	69.4	9.4	99.4	99.4	99.4	99.5	64.0	99.4	70.0	59.0	56.4	9 F .
≥ 1200 ≥ 1000		1	100.0	1	122.0	. • •	100.0		150.0		100.0		2.5	,		77.
				100.0					100.		100.0				20.0	
≥ 900 ≥ 800		1 -		170.0				-		173.0			-		10.0	-
				100.0						1 10 - 11						r
≥ 700 ≥ 400				ina.n						100.0					00.0	
≥ 500				1 C.D						100.0					200.0	
≥ 400			1 .0	300.0	100.0		00.0	100.0	30.0	100.0	100.0		-	00.0	00.3	10.
≥ 300		R . 4	103.7	1 " 4 . 5	100.0	1 "B.C	100.0	100.0	178.0	130.0	100.0	100.0	00.0	00.0	0.00	1000
≥ 200			100.0	100.0	107.0	1 40 . 0	100.0	<u>100-3</u>	100.0	រត់ប្រព័	.05.6	0.00	20.0	10.0	100.0	000
≥ 100		18.04	170.0	170.0	00.0	1 70.C	00.0	100.0	103.0	100.0	00.0	100.0	00.0	1:3.0	100.0	90.0
≥ 0		18.4	1:07.0	100.0	0.0	0.0	ing.a	0.004	0.00	abb.c	100.0	100.0	130.3	100.0	400.0	loc.

MATAL MILMARIS OF CARRESVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				-			VIS	IBILITY (ST	ATUTE MIL	ES)					_	
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ı	≥ %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000		1.5	77.5 63.8	*7.7 -5.1	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7 53.1	77.7	77.7	77.7	77.7
≥ 18000 ≥ 14000		1 . 7	67.	11.2	63.2	.5.2	#3.2 53.2	24.2 51.2	53.2 83.2	83.2	37.7 63.2	33.2 83.2	5 7 • 2 ± 3 • 2	03.2 #3.2	13.2 23.2	
≥ 14000 ≥ 12000			87.2 83.5	* 3 . 4 * 5 . 6	67.4	3.4	83.6	07.4 63.6	37.4	83.4	57.4 53.6	· 7 • 4	93.4	85.4 83.7	63.4 82.7	97.4 83.7
≥ 10000 ≥ 9000		3.1 3.6	64.8	04.5	34.5 45.0	34.5 -5.0	94.5	PA.F	54.5 £3.7	54.5 35	64.5	94.5	44.5 £5.0	84.5 35.0	54.5 £5.5	84.5 25
≥ 8000 ≥ 7000		6.5 2.9	87.7 87.2	87.6	30.4	.7 . 6 29 . 4	87.4	67.8 89.4	67.8	97.8 85.4	57.8 57.9	87.8 89.4	87.6	87.4	87.4 89.4) 7. □ Šýa 4
≥ 6000 ≥ 5000		31)	9 . 3	39.5 73.5	89.6	19.6	89.6 90.6	89.6	90.6	90.6	85.6 90.6	87.6	87.6	93.6	20.6	8
≥ 4500 ≥ 4000		5 1 C 4	91.7	97.6	91.9	10.7	91.9	91.5	40.°	91.v	90.7	91.9	51.9	92.5	90.7 32.3	91 • 7 92 •
≥ 3500 ≥ 3000		2.6	93.0	94.2	92.5	42.8 44.2	92.2 94.2	94.2	92.8 34.2	92.1	92.8	92.8	92.6	99.4	74.2	9,.0
≥ 2500 ≥ 2000		3.5	74.7	95.1	95.7	°5.2 <u>'6.8</u>	35.2 96.3	75.2	95.7	96.5	54.7 24.5	95.2 96.5	76.5	25.2 56.5	95.2 96.5	
≥ 1800 ≥ 1900		5.	94.4 27.6	76.7 57.8	97.0	27.9	98.7	66.7 €6.D	76.7 73.0	96.7 98.0	96.7	76.7	78.0	38.5	96.4	99.4
≥ 1200 ≥ 1000		7.	97.6	98.9	98.6	2# • 4 <u></u>	98.5	98.5	99.5	99.2	99.2	99.5	92.5	98.5	98,5	99.2
≥ 900 ≥ 900		7.1 :7.2	95.6	99.2	99.0	19.2	99.5	99.2	99.7	99.2	99.2	99.2	30.5	50.6	99.3	9.1
≥ 700 ≥ 400		7.3	97.0	9.4	99.5	69.5	99.5	79.5 79.7	99.5	99.6	99.6	99.7	59.8	79.6	99.8	39.5
≥ 900 ≥ 400	·	7.5	99.1	39.5	77.8 99.8	99.3	99.8	99.A	79.8 79.5	99.9	99.9	99.9	99.9		100.0	107.0
≥ 300		7.5	99.2			99.8	99.8	79.8	79.5	99.9	99.9			00.0		
≥ 100 ≥ 0		7.5		99.6		79.8	99.8	99.5	99.F	99.9	99.0	99.9		100.0		

DTAL MUMBER OF CREEKVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L E Y)

CEILING							VI\$	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 4	≥ 5	≥ 4	≥ 3	≥ 216	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000		8.	91.7 88.0	31.7 38.0	41.0	1.0	31.0 86.0	43.0 88.0	31.0 58.0		81.0	41.0 88.0	61.0 58.0	1.	11. 88.7	· 1 ·
≥ 18000 ≥ 16000		3. 8.	98.7 88.0	88.0 86.0	88.T	2 8. € 2 8. €0	38.0 98.0	28.0 88.0	88.0	86.0	84.0 89.0	66.G	68.0 29.0	38.0 58.0	48.7 58.0	\$5. 93.
≥ 14000 ≥ 12000		8 • C	83.0	0.33	8 6 8 6 8 6 1 0		88.0 69.0	86.0	89.7 88.0	68.G	38.0	88.0	42.0 82.0	55.0 59.0	8 P . T	2
≥ 10000 ≥ 9000		3 3	80.7	81.3	87.3	89.2	89.3	59.3 89.7	87.7	89.3	69.3	85.3 29.7	87.3 89.7	90.5 89.7	89.7	8
≥ 9000 ≥ 7000		0 · 1	95.7	93.7 91.7	90.7 91.7	°0.7	90.7 91.7	30.7 41.7	90.7	91.7	91.7	90.7	5 7 . 7 C1 . 7	90.7 91.7	91.7	07.1
≥ 4000 ≥ 5000		2.7	97.7	92.7	92.0	72.0	92.7	`?•3	92.0	92.U 92.7	92.7	92.3 92.7	42.6	92.7	92.7	
≥ 4500 ≥ 4000		2.7 3.7	92.7	22.7	92.7	2.7 3.7	97.7	77.7 93.7	93.7	92.7	77.7	97.7	32.7 3.3.7	92.7	92.7 93.7	6.
≥ 3500 ≥ 3000		14.7	94.7	94.3	94.3	94.3 94.7	94.3	74.3	94.7	94.3	94.7	94.3	24.7	94.3	94.5 94.7	74.1 C.,
≥ 2500 ≥ 2000		45.3	97.7	67.7	95.7	75.3	95.3 97.7	97.7	97.7	95.3	97.7	95.3	97.7	95.3 77.7	95.1	97.7
≥ 1800 ≥ 1500		γ. γ ε. γ	99.0	75.0	48.C	9.3	76.0 99.3	98.0	76.0 99.3	99.3	99.3	98.1	90.3	79.3	99.1	50.
≥ 1200 ≥ 1000		9.	99.7		100.0	1 70 0	99.7	99.7	• •	99.7	99.7	9,7	7.7	7 .7 100.0	7.97	19.
≥ 900 ≥ 800		9.3 59.3	99.7	170.0		10.0	100.0	100.0	100.0	100.31	00.0			100.0	100.0	OC.
≥ 700 ≥ 400		9.3	94.7	170.0			100.0	100.0 100.0		100.0			160.0		0.00	22.
≥ 500 ≥ 400		9.3	49.7	100.0	00.0	0.00	0.00	00.0	100		20.0	00.0	00.0	00.0	00.0	00.
≥ 300 ≥ 200		9.3	90.7		30.0	170.0		20.00	100.0	100.C		00.0	00.0	C0.0	100.0	700
≥ 100 ≥ 0		19.3	\$3.7 \$9.7				00.0			100.0	20.0			0.00		Г .

POTAL MIMBER OF OFFICENTIONS

CEILING VERSUS VISIBILITY

1 .	**	23.6°	367
STATION	STATION MARE	YEARS	RONTH
	PERCENTAGE FREQU	JENCY OF OCCURRENCE	1,4

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) ≥ 10 ≥ 6 ≥ 5 78.3 7F . 3 72.3 ≥ 20000 ≥ 14000 ≥ 12000 2.3 82.3 ≥ 10000 ≥ 9000 8000 7000 6000 5000 3500 3000 <u>≥</u> 1800 1500 ≥ 1200 ≥ 1000 900 700 400 100-0100-0100-0100-0

MATON	 08	OSSERVATIONS	٠.	1



CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 ≥ 6 ≥ 5 ≥ 3 ≥ 2% ≥ 1% ≥ 1% 71. 71. 71. 71.7 71.7 71.7 71.7 71. 71. 77. ≥ 20000 79.0 17.0 70. 79.0 72. 79. 7 . . 7 79.3 79.3 79.3 79. 79.3 79.1 77.3 79.3 79. ≥ 14000 ≥ 12000 79.3 79.3 79.3 79.7 79.7 79.7 79.7 6 . 3 BC . 7 87.7 20.7 #3.7 ≥ 9000 80.7 3.3 31.0 ≥ 8000 ≥ 7000 83.3 83.3 83.3 83.3 83.3 83.3 P6.0 36.0 86.3 1.43 76.3 86.3 96.3 ≥ 4000 ≥ 5000 86.3 86.3 At . 3 . a . i 28.0 88.0 88.0 88.0 53.0 83.0 F8. 23. " 8 a 3 82.3 BR. 3 28.3 58.3 89.7 89.0 89.7 89.7 69.7 89.7 96... \$11.7 93.7 90.7 91.3 31.3 21.7 97.0 32.7 32.7 72.7 42.7 42.7 97.7 92.7 95.7 45.7 95.7 95.7 95.7 95.7 96. 56.0 96. 3.62 48 .: 94.0 25.7 97.0 95.7 76.7 96.7 46.7 ≥ 1800 ≥ 1500 96.7 47. 29.7 99.7 90. 79.7 99.7 29.7 29.7 99.7100.0100.01 99. ·9.7 99.7 09.7 49.7 1200 19.7 99. 99.7 49.7 49.7 99.7 99.7 99.7100.0100.0100.0100.0100.01 79.7 99.7 39.7 99.7 99.7100.0100.0120.0100.0100.0100. 59.D 49.7 99.7 99.7 99.7 99.71 73.01 00.01 07.01 00.01 00.01 00. 79.7 99.0 59,7 99.7 99.7 99.7800.0100.0100.0100.0100.0 29.7 49.7 89.7 99.7 99.7kan.akaa.akaa.ak 8. <u>Joeshapeotas.</u> 94. 00 99.7100.0100.0100.0100.0100.01.00. 500 400 99.7 99. ee.thoo.ohoo.ohoo.ohoo.ohoo.ohoo. 99.7 99.7400.0400.0400.0400.0400.0400.0 79.7 49.7 99.7 99.7 50.0105.0100.0100.0100.0100.0 99.7 99.71.00.0100.0100.0100.0100.0100.0 99.7 99.7 99.7kro.okoo.akoo.ckao.akac.ako:

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 2 ≥ 0 7. NO CEILING 78 . . ≥ 20000 67. Ĩ. 37. 67. ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 25 01. 4000 5000 .3.0 3.3 23. <u>></u> 94.0 94.0 94.0 94.17 ٦'n, ≥ 4500 ≥ 4000 96. 26.0 96. 96.0 96.0 26. Ÿć. 76. 6. 97.3 97. 97.3 28.3 78.3 98.3 90.3 58.3 98.3 98.3 ≥ 1500 co-chep-chec-phop-nhap-phop-chep-e ≥ 1200 1000 <u>լը դերերը, որ որ եր եր եր եր որ որ որ դուրի որ արևոր եր եր եր որ որ եր եր եր հրա հրա հրա հրա հրա հրա հրա հրա հր</u> 900 800 (an-ni 50 - ai nn - ni 10 - ai 50 - (i 50 - ai 60 - ai 60 - ai 50 - ai 50 - ai 70 - ai 70 - ai 60 - ai (an-ni 50 - ai 70 - ai 70 - ai 70 - ai 70 - ai 70 - ai 70 - ai 70 - ai 70 - ai 70 - ai 70 - ai 70 - ai 700 600 <u>≥</u> and a contraction of the contrac 500 400 ≥ 79. 31.30. 31.03. 01.03. 01.30. 01.00. 01.30. 01.30. 01.30. 01.30. 01.00. 01.30. 01.00 e o la contra a la caracter de la ca kac-akun-akem-akem-a 9. gi 00. ot 00. ot 10. ot 20. ot 00. ot 00. ot 20.

				_	
TAL	NUMBER	OF	COSERVATIONS	Ţ	ì

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING		° 40 .	7. • 3	75.7	75.7	35.	75.7	75.7	75.7	75.2	75.7	75.7	75.7	75.7	75.7	*5.7
≥ 20000			84.7	?5	\$5.0	. 5 .	N 4 . C	35.0	5.5	#500	3500	95.0	× 5 . C	15.0	35.00	•
≥ 18000 ≥ 16000		3 . 3	£4.7	85.0	#5.	5•1	35.0	\5.°	55.00 65.00	35.0	5.0 88.5	45.0 25.0	26.0	15.0	25.0	•
≥ 14000		3.4	8	* * • 3	85.3	5.3	A 5 . 2	5.3	25.5	25.3	85.3	35.3	. 3	45.3	5.3	45
≥ 12000		2.3	e 5 . 7	80.6	36.0	-6.6	86.9	26.1	96."	60.0	66."	36	56.	80.0	86.7	
≥ 10000		7.7	8'	RC.3	90.7	29.3	89.2	60.3	80.3	80.3	89.3	39.3	89.3	87.3	69.7	4
≥ 9000		52 . J	8 . 7	ាព 🕫 🗓	70.D	3,0	30.0	10.0	90.0	93.0	90.0	9: • 1	* * * D	60.0	30.3	•
≥ 9000		11.0	9 . 7	-1.3	81.0	11.0	:1.0	-1.7	41.0	₹1.0	¥1.0	91.3	71.0	21.2	71.	5).
≥ 7000			÷ : • 3	52.7	77.7	2.7	97.7	35.	92.7	72.7	53.7	37.7	2.7	42.7	92.7	•
≥ 6000		1.3	92.7	28.0	93.	3.0	95.0	13.0	33.0	ବ ଓଡ଼ିଆ	97.7	7.0	18.0	63.7	c 3 • "	•
≥ 5000		1 • 7	75.	23.3	91.3	3.7	33.3	73.3	93.3	93.7	97.3	3.4	3.5.4	3.3		
≥ 4500 > 4000		.5 • 3	93.3	73.7	93.7	73.7	0 1 9	73.7	37.7	93.7	97.7	53.7	` 7.7	3.47		
⊢			74.7	15.0	25.0	<u>"\$,</u>	95.	75.0	95.	35.	95.1	95.	•	75.1	C 5 . 3	
≥ 3500 ≥ 3000		2 - 3	94.7	75.0 96.0	95.0	3.0 36.0	95. N	95.C	95.0	95.0	76.	95.0	95.00 95.00	25.5 50.0	55.0 55.0	
L		6.5	57.7	2.0	99.7	8.3	98.0	78.5	92.7	9.5	48.	98		71	29	
≥ 2500 ≥ 2000		7 . 3	96.7	54.0	39.0	19.0	49.0	99.0	79.0			79.0	99.9		20	99
		7.3		20.	99.5	19.1	99.0	99.0			99 . 1		97.6	90	69.7	
≥ 1800 ≥ 1500		-7.3		94	27	9	99.	29.0	5 . 0	1 7 7		77.0	17.0	20	97.5	99.
≥ 1200		7.3	90.7	97.5	79.	9.	79.0	99.3	99.0		99.0	99.0			4	~ > •
≥ 1000		7.7	93.	74.3	79.3	9.3	99.3	79.5	93.3	, ,			53.5	19.5	. 9 . "	97.
≥ 900		7.7	33.0	P.3	70.3	9.3	90.7	~7.7	94.7	49.7	99.7	99.7	20.7	29.7	93.7	٠٠.
≥ 600		7.7	99.0	77.3	39.7	-9.7	0.0	20.0	100.0	190.5	100.0	100.0	122.2	170.0	:00.0	
≥ 700		7.7	80.0	99.3	59.7	49.7	00.0	100.5	0.0	150.0	מ•כתו	09.0	10.0	100.0	00.0	10.0
≥ 400		7 . 7	99.0	99.3	80.7	79.7	100.0	0.00	133.	190.5	100.0	100.4	1000	100.0	190.0	100 es
≥ 500		7.7	99.0	99.3	7.7					100.0			00•0		10000	
≥ 400		77.7		29.3	99.7					130.0						
≥ 300 > 200		7.7		59.3										00.0		
≥ 200		7.7		29.3										100.0		
≥ 100 ≥ 0		7.7		69.3										00.0		
ر حے		[7 • 6]	99.	77.5	99.7	?9.7	B Cle C		L La Chair.	じじじゅう	$C \circ C \cup J$	المولان	I CO . D	130.0	100-0	أوفات

				_
TOTAL	NUMBER	Of	OBSERVATIONS	٠C

CEILING VERSUS VISIBILITY

STATION	E - STATOS MARE	73 - 31	AF -
	BERCENTA OF FRECH	IFNICY OF OCCUPARING	

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 216	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ 4	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		7	7 . 7	7: . 7	76.7	76.	75.7	73.7	70.7	77	70.7 88.3	15.7 38.5	77.7	7	75.7	7 ,7
≥ 18000 ≥ 16000		7.	8: 69.E	88.0 88.0	3 4 6 7 3 2 6 7	9.	83.1. 88	6.7 68.3	- 44 · **	r2.j 35.e.	5.0 56.0	25.D	14.0 2.0	1 % ± 5, 5:3 ± 1.	28.0 28.1	۶ • • •
≥ 14000 ≥ 12000		7.	20. 85.5	23.3	74.	9	ر ج از وع	12. 91.3	43.°	47 By	83. At 3	36.0	# . (?) # ? • ¥	18.0 59.3	ري م	ah. B
≥ 10000 ≥ 9000		1 .	9[.C	- (• b	23.0 23.3	0.0 0.3	97.0 95.3	00.0 00.3) - 1	98.4	η η 91 - 3	93.0		00. 30.	30 j	
≥ 8000 ≥ 7000		1.3	7	* / • * 34 • \$	77.3	-2 • 3 -4 • 3	97.3	72.3 94.3	92.3 99.3	92.3	50.3 54.3	92.3	7.3	92.3	27.7	
≥ 6000 ≥ 5000		4.3	95.3	35.3	75.0 95.3	√5•3 ~5•3	7.5.5 2.5.4	05.0 /5.3	35.5 35.3	95.J	95.0 95.3	95.7	45.€D 95.€3	95.	() ()	
≥ 4500 ≥ 4000		4,3	05.3	92.3	95.3	5 · 3	95.3 95.7	05.7	95.7 65.7	95.5 95.7	· 5 • 3	35.3	·5 • 3	25.7	55.3	95.7
≥ 3500 ≥ 3000		14.7	95.7 95.0	75.7	93.7 96.0	5.7	95.7	5.7 36.0	7.50 P	75.7	45.7	75.7 55.1	7	25.7	5.7 76.	7.
≥ 2500 ≥ 2000		5.7	97.3 25.0	97.3 98.0		7.3	97.3 96.0	97.3	97. 7	97.3	97.3	97.3	97.3 53.0	97.3	97. 7 53.	9.
≥ 1800 ≥ 1500		7.	90.2	59.3 59.7		58.3	99.3	9.7	93.5 29.7	99.3	99.7	53.7	19.7	78.3 97.7	98.3 99.7	99.
≥ 1200 ≥ 1000		8.3 5.4	99.7	- 1	180.0 180.0						0.00		ing. Lug.o	160.0 20.0	100.0	100 • 2 133 • 1
≥ 900 ≥ 900		78.3	99.7		179.1 170.6		170.8 188.8				100.0		140.5 130.0	00.0 0.001		ادی: اندهانا
≥ 700 ≥ 400		18.3	99.7				00.0 00.0		143.0 120.0		100.0		198•8 198•8		100.0	
≥ 500 ≥ 400		2 8 . 3	49.7	100.0		100.0	0.00	00.0	٥٠٠٠	100.0	0.03					-
≥ 300 ≥ 200		6.3	7	- 1			00.00				00.03			100.0		100.00 100.41
≥ 100 ≥ 0		8.3	97.7								160.0					

TOTAL	 ٥s	OBSERVATIONS			



CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T :

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING			7 . 3	77.7	73.7	3.7	73.7	73.7	72.7	73.7	77.7		77.7	77.	78.7	 -
≥ 20000		4.	F4.7	, ,	95.5	Set	- *	5.0	>5 € 1	10.0	5 %	5	4.	5.	٠,	<u>i</u>
≥ 18000		4.	80	3	15.3	5.3	45.7	5 K . F	F . 7	F5.3	35.2	. 5.		5.5	18.	
≥ 16000		4.	5 .	*5.3	35.3	3.3	65.2	5.4	:5.7	33.3	5.3		5.7	10.3	t. 2	
≥ 14000		4.	9 6	15.3	3.5	5, 4	*5.3	· * . 3	65.3	15.3	्र ६ • ३	P 5 . 3	5.0	1.5 . 7	E . 7	100
≥ 12000			2 . 3	2× • 7	85.7	26.7	26.7	35.07	35.7	86.7	5 (. 7	26.7	5 / . 7	8 . 7	96.1	1
≥ 10000		(. 7	57.3	. 7	97.7	47.7	67.7	87.7	27.7	57.7	97.7	47.7	. 7	87.7	57.7	
≥ 9000		·. • 7	87.7	:1.7	47.	47.7	57.7	67.7	37.7	87.7	87.7	57.7	17.7	67.7	47.	,
≥ 8000			8 . 7	90.B		0.0	20.0	10.0		9.	7	7. O.		•		
≥ 7000		• 7		.1.7	1.7	1.7	21.7	\$1.7	41.7	93.7	43.7	21.7	7	1.7	-1.7	1
≥ 6000		. , 7	27.8	2.7	02.7	2.7	0.7	67.7	427.7	72.7	92.7	9.7	7	72.7	7	
≥ 5007			4 7 • Z	2.7	4 . 7	3.7	7. 7	23.7	43.7	63.7	93.7	23.7	7.7	6 3 . *	47.7	
≥ 4500		. 7	75.3	. 7	• 3 . 7	3.7	91.7	23.7	7.7	7 3 . 7	1.7	43.7	7.7	7.1.7	1.7	•
≥ 4000		5.	44.7	25.	95.	6.	96.€	26.0	35.0	70.03	06.0	46.0	14.0	75.	16	-
≥ 3500		6.	96.7	5 8 . 3	27.	77.	97.	77.	97.	97.	97.0	97.0	• • *	37.5	G * .	
≥ 3000		5.7	47.4	97.7	77.7	97.7	97.7	47.7	87.7	27.7	97.7	97.7	37.7	77.7	07.7	0.7
≥ 2500		7.	77.7	C# • 0	76.	. 8	98.	98.0	77.0	98.	\$ S .	75.			₹8.	· -
≥ 2000		7.7	91.3	24.7	29.7	8.7	\$ 3.7	13.7	28.7	98.1	48.7	95.7	7.2	1.8.7	29.7	
≥ 1800		. 7	00.4	60.7	\$8.7	-3.7	99.7	16.7	5.8.7	28.7	48.7	46.7	16.7	45.7	98.7	• 🧓
≥ 1500		8.	34.0	20.3	50.7	79.3	99.1	19.3	49.8	99.3	49.3	99.3	10.3	39.31	49.7	: \$
≥ 1200		3.3	79.3	44.7	23.7	.9.7	r. 9 . 7	79.7	19.7	29.7	99.7	79.7	· c . 7	69.7	46.7	20
≥ 1000		4.1	39.3	10.7	29.7	9.7	^C.7	<4.7	49.7	79.7	99.7	49.7	. 0 . 7	19.7	79.7	ç
≥ 900		5 • 3	49.5	23.7	34.7	9.7	99.7	\$9.7	39.7	29.7	.9.7	49.7	20.3	19.7	99.7	3.6
≥ 800			97.3	19.7	69.7	9.7	99.7	59.7	29.7	39.7	00.7	29.7	19.7	9.7	00.7	• •
≥ 700		F. 1	4.7	09.7	79.7	3.7	\$7.7	29.7	39.7	59.7	99.7	59.7	69.7	94.7	49.7	٠
≥ 400		,	94.3	19.7	27.7	9.7	99.7	79.7	99.7	59.7	49.7	59.7	46.7	75.7	00.7	3.5
≥ 500		2.5	60.3	29.7	14.7	9.7	99.7	79.7	19.7	99.7	99.7	94.7	77.7	39.7	99.7	84
≥ 400		15 . 1	20.3	75.7	29.7	9.7	29.7	29.7	50.7		57.7	49.7	10.7	49.7	79.7	1
≥ 300		10.1		59.7	19.7	9.7	39.7	9.7	43.7	09.7	79.7	99.7	.9.7	99.7		ro
≥ 300 ≥ 200			95.3	9.7	29.7	9.7	9.7	(4.7	7.1		50.7		99.7	59.7)
		7. 3			29.7	19.7	24.7	79.7			49.7			29.7		
≥ 100 ≥ 0		8.1	<u>.</u>		99.7		99.7				40.7		-	1		1

TOTAL	MILMARR	01.0	RESERVA	PICOIT	

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000	-	7.	:1.	7.	6.1	1."	11.5	7.0	1.0	91.0 71.0	81.0 87.5	1.7 8.7.0	1.	1.	i •	7, 7
≥ 18000 ≥ 16000		7.	u /• ₹	7 7	37.3	7.2	3 . 3 3 . 3	17.3	17.7	57.3	37.7	67.3 87.3	7.7	7.7	7	
≥ 14000 ≥ 12000		* . ?	6 1 . I	77.3	6.7 . y	7.3 3.		17.3 11.	67.7 15.	67.3	37.∶ 38	67.3 88.	37.3	#7.3	17	* / •
≥ 10000 ≥ 9000			3 . 1	95 • Z	B . ?	0 T	69.3 69.3	20.3 45.3	87. T	3	89.3	85.7 89.3	3	, v , 3	45.7	k .
≥ 8000 ≥ 7000		1.	9/.0°	7	* 1.7	0.7	10.0	0.n 1.7	13.7	99.1 91.7	90.0 91.7	:	1.7	01.7	1.7	
≥ 6000 ≥ 5000		•			01. 63.3	2.3	97.9 92.3	32.€ -2.3	12.0 72.7	92.3 52.3	30.0 42.3	90.0 02.3	1.00	,	77.00	
≥ 4500 ≥ 4000			2 · • •	7.7	93.7	3.7	72.7	2.7	7.7	22.7	97.7 98.1	97.7 34.1	4.7	-2.7 -4.0	. 7	٠ د <u>د .</u>
≥ 3500 ≥ 3000		5 . T	Ψ.Ψ.Ψ 1,-Ε.Ψ	54.7	24 . Z	4.7 5.3	25.3	04.7 05.3	14.7 13.3	44.7	74.7	94.7	.b.7	4.7	15.7	, i
≥ 2500 ≥ 2000		. 7	57.1 57.3	77.0 37.3	97.0	7.5	57.0 67.3	97.3	9	97.	97.3	27.3	3 7 . 1	97. 97.3	97.	ر ۱۰۰۰ باد تنگ
≥ 1800 ≥ 1500			9 . 7	77.3 75.7	97.7 95.7	9.7	97.3 18.7	77.3	17.3	97.3	97.3	97.3	37.7 3.7	97.J	27. 4 59.7	67.
≥ 1200 ≥ 1000		3.7	77.7	19.3 17.00	39 . 3	9.3 10.0	90.3 170.	59.7 170.0			95.3 140.0	99.7 16.0	5.0 10.0	19.1 195.2	19.1	
≥ 900 ≥ 800		0	2000	1 "' • (1	1 12 • 6 166 • 3	. 9 ! 6.	.an.u	100.0 100.0		160.3 186.5		: no • p CO • C	30.5 27.5		137.0 139.0	lTi. LTua
≥ 700 ≥ 400		9.	187.8 187.6	100.0 100.0	- · . · . I		00.0	70.5 7	inn n	100.0	:00.0	100.0 35.3	7.5	170.1	10 1.0 120.4	1 (•
≥ 500 ≥ 400			מ.חשי		100.0	1:0.0	0.001 0.001	105.0	20.0	1 0.0 103.0	100.0	190.0		00 s	100.0 100.0	بعنك
≥ 300 ≥ 200		9.	}	1 5.0	100.0 100.0	173.0	0.00 0.00	100.0	20.2		25.0	190.0 192.0		00.0	199.6 198.9) ()
≥ 100 ≥ 0		0	1 2 0	1 Y . C	າກບໍ່ ເວລ	-				150.0				00.5 00.5		

TOTAL NUMBER	OF OBSERVATIONS	٠

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	_ ≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1¼	1 ≤	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 14	≥ 0
NO CEILING ≥ 20000			3 4	•	77.9	7.0	77.3	77.1	7	32.3	77.	77.7 5.47			17,1	
≥ 18000 ≥ 16000		4 .	• 1	, ?	4.7 14.	5.7	C.C. 7	35.3	. 4 . 5				7			·
≥ 14000 ≥ 12000		4 . 7	_ · • *	5 . 9 5 . 1	5 . 4	5.4	• 1	7.	10.0	5.4	e 1 e 4		. ,	٠.٠	• •	
≥ 10000 ≥ 9000		* •	3 . 4	79.3 77.3	7.5	7.5	57.	7.7	7 . 1	6	7 7	7 . 3	7.5	.7.	7.	· · · · · · · · · · · · · · · · · · ·
≥ 8000 ≥ 7000		. i	9 +1	हेंद ु क	9 X	. 0 • ₹	97.1	7 . 1	9 - 7				•			
≥ 6000 ≥ 5000			1.	1	11.	1.7	11.7	1.	1 . 7	1.3	1.7	1.		1.	1.	
≥ 4500 ≥ 4000			Ü , 19		, ; , , 6	7.1	7.3						• •	•	•	
≥ 3500 ≥ 3000		4.		• • •	74.7 72.1	4.5 5.1	15.3	14.5 15.1	19 a 1		स्थ ः * ८४ • ३	% 4 . 3	1 . 1			• •
≥ 2500 ≥ 2000	· · · · · · · · · · · · · · · · · · ·	* * * *	97.5	7 . 3	76.3 97.6	€ • 5 7 • 6	51.7 97.6	7.5	7.07	37.6	7.7		97.7	: 7 • 7	.,.	
≥ 1800 ≥ 1500		•	73.	37.00 11.4	7 - • 0 59 • 6	9.4	() i . u	. f.	, , 4	थ. ६५.4	3	* * *	1	1 . ,		•
≥ 1200 ≥ 1000		. ,	• •	70.5	7	9.7	39.7	76.7 77.8	99.	0 9 . ·	30.7 20.9	50.7		7.7	: 7	
≥ 900 ≥ 800		1.7	90.5 92.5	76 . e	99.0	3.4	कृद. १९ . ४	79.4	50.5 29.5	30.5 3.4)	00.0	73.5 U1.01	7.6 I	0.0		•
≥ 700 ≥ 600		; . ?	99.	******	ପ୍ର ବ ସଦ୍କୁ	\$. 7 . 9 . 9	90.0 30.0	00.9 ^5.≱		60.4.	7.5	70.a ຢິ.e	1 7 6 7 1 3 7 6 2		0.1	•
≥ 500 ≥ 400		0.7	90.5	76 . A	49.5 49.5	9. °	90.) 93.0	40.9 49.0	69.5 90.0	39.4 38.7			11:•11 1:00	10.1 10.1	117.7	
≥ 300 ≥ 200		, ,	\$ * * *	11 9 a 8. 14 a 15	99.7	9.5	90.9	ମ୍ୟ.ନ ଅନ୍ତ	99.7	99.4	7.0	120.0 123.0		.0.	1.0° •	:
≥ 100 ≥ 0		7	3	3.6	30.7	90.9 90.9	99.4	14.5 10.4	49.5 49.0	49.0	· · ·	100.0 100.0	1 n c		00.0 00.0	10.

TOTAL NUMBER OF ORESEVATIONS	•	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 10 ≥ 5 NO CEILING 7- . 5 ≥ 20000 8 C . 1. (**1** • 51. di. .1. :1. 1. ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 6000 5000 e 5 ° 2 4500 4000 51. 27. 7 • 3 7 - 3 5.1 97.6 1.0 13.2 ٠ ز 2500 2000 76. 1500 7 G 50. 1200 4. 90. 1000 49.7 <u>></u> 900 800 99.7 9. · • 90.7 29.7 95.7 7700 7. - n 12.7 5. 9. 49.7 47, 7. ≥ 4. 90.7 10.7 29.7 100

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION MANE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L & T)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ 14	≥ 5/16	≥ %	≥ 0
NO CEILING		3.0	70.7	74.2	74.7	4.7	74.7	74.7	74.2	74.2	74.2	74.2	14.2		74.2	740.
≥ 20000		٠٠٠ ا	3 1 . 7	C 3 . 4	E T . C	· 3 · ?			r 3 • 1	33.9	93.4	33.7	5,00		1.305	
≥ 18000 ≥ 16000		. • 2 . • • 4	53.5		53.0 34.2	4.7	63.9	33.5	63.9 4.2	93.0	37.0	3.7	1.2	7 3 . 2	33.7	u .
≥ 14000 ≥ 12000		3.0	24.2 34.3	44.7	54.7 44.7	*4 . 3	64.2	-4.2 84.8	34.7 54.3	34.2 84.2	54.2 94.3	94.2 84.5	34.2 54.5	54.2 84.8	94.2	44.
≥ 10000		, . i	7.,	* n . E	94.	6.	36.3	56.4	36.3	85.2	54.5	36.4	35.0	F 6, 2	25.5	9 (
≥ 9000		• 1	2 0	46.9	88.4	6.1	36.4	26.3	86.5	86.3	86.5	95.3	36.5	16.1	£5.*	rt.
≥ 8000		7.1	.: 2.7	5 . 7	87.7	87.7	£7.7	:7.7	27.7	97.7	\$7.7	57.7	57.7	57.7	67.7	97 7
≥ 7000		. 1	9 .	•	₹ •€	3.€	0.0	70.0	00.5	40.0	00.5	36.0	0.00	9. •1	34.00	1
≥ 6000 > 5000		. 7	5 . 7	3	9	75.4	(4.4)	0.3	: n • *	20.63	97.3	20.3	17.3	23.3	30.7	
≥ 5000		. 7	ÿ • 7		7	3.7	97.7	r . 7	77.7	30.0	50.7	.0.7	7.7		7.7.7	
≥ 4500 ≥ 4000		7	23.2	1.9	9	ાઇ∗7 51∗9	90.7	71.5	91.5	97	91.7	91.7	91.9	01.	77.7	1.
≥ 3500		1.	3 0 61		9.7.0	2.6	27.6		42.6	22.6	7.7.5	97.4	77.6	+	7.7.6	
≥ 3000		7.0	74.5	4.5	94.5	44 . 5	94.5	94.5	94.5	94.5	94.5	94.5	54.5	94.	94.5	14.5
≥ 2500		1 3 · 3	> 7	(,*5	95.2	2 • 2		35.2	35.02	75.2	95.2	32.5	5	1	95.2	4
≥ 2000		4.5	Or.B	7 . 8	3; • 3	75.*	95.5	55.€	95.8	95.8	55.0	35.5	90.3	75.4		<u> </u>
≥ 1800 ≥ 1500		7	30	50.1	76.	9.1	76.1	99.0	99.4	64.1	95.4	75.1	36.4	96.1	76.4	90.4
<u> </u>		7.1	37.	• •	90.0	9.	99	00.0	3 9 4	39.4	1.9	09.4	- 9 a	00.6	. 9	C 2
≥ 1200 ≥ 1000		7	94	127	ာင	9	90	14	60.4	39.4	99.4	59.4	-0.4	-	30	1
≥ 900		17.1	92.7	;7.	79.	3.	99.5	95	¥7.8	05.4	99.8	99.4	-9.4	97.4	99.4	
≥ 600		7.1	97.5	: y • n	20.0	9.	99.	າຈຸ;	19.4	09.	C 9 . W	79.4	00.	09.4	79.4	59.
≥ 700		7 • 1	30.0	11.0	e. € . € . €	9.0	69.	20.0	59.4	19 0 B	03.4	97.4	₹6.4	1	\$9.4	95.
≥ 600		• •	911.0	21.6	39.7	.00.	00.4	09.4	50.7		99.7	94.7	49.7			
≥ 500 > 400		7	9	79.5°	5 5 5 5 5 5	79.0	e7.4	19.4	49.7		90.7	23.7	59.7	39.7		99.
≥ 400		7.1	99.		80°L	9.0		50.4	57.7			39.7				79.7
≥ 300 ≥ 200		7.1	23.	20.0	29.1	79.5	79.4	19.8	49.7	· -	99.7	99.7	99.7	99.7	l	99.7
) -		7.	200	99.:	22	9.	19.4	79.0			90.7			69.7		
≥ 100		7	- 1		70	- 9	99.4	- 1	-		59.7		(•			20.0

OTAL MUMBER OF ORSERVATIONS

1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (PEET) ≥ 5 ≥ 11/2 ≥ 1% ≥ 5/16 NO CEILING 03.2 €3.2 ≥ 20000 74. 74.2 14.2 74.7 71. 78.7 74.2 ≥ 18000 ≥ 16000 ٠4. 74.7 74.2 74.5 74.5 75.2 77.4 F 1 . 11. P1.0 1. 91. 71.1 41. 51. 41 .f 31.7 85.4 89.7 ≥ 6000 ≥ 5000 80.7 89.7 89.7 -0.7 77.7 ≥ 4500 ≥ 4000 91.6 -2.3 25.3 12.3 92.3 72.3 42.3 92.5 77.3 92.3 57.3 52.3 ≥ 3500 ≥ 3000 12.3 27.2 27.2 23.2 93.62 93.6 92.0 93.6 ~3.6 P3.6 43.6 53.5 \$3.6 93.0 97.0 97. 24.9 94.6 94.6 25.2 95.2 91.4 SP.7 91.7 94.7 96.7 98.7 8.7 79.7 es chac chas area of 49.7 900 <u>a ande esta eada, aaks ande eeda, ee ko</u> 9.71 (0.0) 00.0) 00.0) 00.0) 00.0) 00.0) 00.0) 00.0 99.71 00.01 (0.0) 00.0) 00.0) 00.0) 00.0) 00.0 69.3 99.7 9 4 . 4 28.4 22.6 99.7 79.3 79.7 500 400 9.71.00.01.0 79.7 98.4 59.7 300 200 80. 49.7 96.4 00 91.4 39.7 100 na al po ete chec oten eten oten eten o

TOTAL NUMBER OF OSSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) NO CEILING ≥ 20000 41.3 01.0 £1.0 41. ¥1. 11. 1.2 -1. 41.0 ×1. 21. e1. \$1. 1.3 11. 61.3 01.3 31.2 ≥ 14000 ≥ 12000 12.0 32.6 63.6 43.6 ≥ 10000 ≥ 9000 37.1 37.1 87.1 ≥ 8000 ≥ 7000 45.7 90.0 0.0 < D • 0 70. 30.7 \$0.7 ··· () • 7 : 0 - 7 90.7 u a 7 ≥ 6000 ≥ 5000 11.9 1.9 91.3 51.0 01.7 91.9 21.5 91.0 71.0 01.6 71.3 1.3 91.4 3] • 4500 4000 1.0 37.6 2.6 47.5 7.6 27.2 93.2 93.2 95.2 ' 4 . A ₹5.6 2500 2000 96.2 95.0 96. 06.0 77.4 1800 1500 99.-39.0 99. 1200 99.4 97.7 0 . . 1 59.4 39.4 . . . 39.4 79.A 79.4 900 800 93.4 99.7 19.7 9.7 99.7 79.7 39.7 19.7 79.7 99. 49.7 0.0107.01 no obstantación checa i <u>do-ning-ning-</u>; .0.010.010.010.00.00.00.00.00.00.0100.0100.0100.0 o.of to.og co.of do.okou.okou.okon.okoo.okon.okoo.ok 79.7 00.0k30.1 u.n.an.al.no.al.uo.al.an

CEILING VERSUS VISIBILITY

STATION	STATION NAME	7 7 - 6 .* VEARS	₩ A ¥
	DEDCENTAC	SE EDECLIENCY OF OCCUPAENCE	, -

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 2% ≥ 2 ≥ 1% ≥ 1 2 % ≥ & ≥ 5/16 ≥ 10 ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 14 ≥ 1/2 ≥ ¼ ≥ 0 NO CEILING 67.7 6 . . 7 67.7 67.1 67. 67.1 67.7 ė ٤ ≥ 20000 1. .3.2 ≥ 16000 87.9 51. 83. 83.7 8 . . 9 ≥ 14000 ≥ 12000 # 7.4 10000 21.0 ¢1. 8000 7000 71. 1.0 91.0 91.0 ₹1. 24.2 14.2 74. 6000 5000 94. 4500 4000 ∘6• 96.1 . 6 . 1 ¥6.1 36.1 98.5 97.4 1800 \$7.4 97.4 97.4 48.0 96.7 99. 94, 40.4 1200 43.7 99. 99. 69.4 99. 19.4 900 800 99, 99,7 9.7 69.4 99.7 99.4 29.7 99.7 na akaa okas okan akaa akaa chaa 99.4 39.4 40.73 44.7 29.7 79.4 99.7 09.7 99. A. B. 30. 01. 33. 01. 23. 01. 00. 01. 00. 01. 00. 01. 00.

99.7

99.7

TOTAL NUMBER	OF OSSERVATIONS	116

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 114	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/14	≥ ¼	≥ 0
NO CEILING ≥ 20000		3.4	7 .6	77.3 84.8	72.3 84.8	72.3	72.3 54.8	77.3	77.3 84.9	72.3 64.8	77.3	72.3	6 # * B	72.3 P4.3	72.	7 84 a
≥ 18000 ≥ 16000		3.9	24.5	\$5.2 \$5.2	45.2	5.2	85.2	*5.2	94.2	45.2	65.2 45.2	5.2	5.2	5.7	45.2	41.2
≥ 14000 ≥ 12000		4.3	34.5 F6.1	65.5	F5.5	3.3 6.8	86.5	5.5	25.5	95.5	85.5	85.5	25.5	96.8	85.5	20.
≥ 10000 ≥ 9000		7.1	25.7	28.4	98.4 89.4	7 8 4 A	89.4	76.4 49.4	88.4 80.4	58.4 87.4	35.4	89.4	83.4	58.4	88.4 E2	
≥ 8000 ≥ 7000		1	d • ?	20.7	90.7	3.7	98.0	95.6	93.6	97	93.6	90.7	77.7	90.7 93.6	50.7 93.6	
≥ 6000 ≥ 5000		1.4	77.A	93.6	93.6	3.0	93.6	93.6	93.5	93.6	93.6	93.6	48.6	37.6	73.6	
≥ 4500 ≥ 4000		3 9	\$7.5 94.5	63.9	75.5	15.5	07.5	73.9	95.0 95.5	95.5	97.3	3.9	\$7.5 7: E	95.5	93.5	33.5
≥ 3500 ≥ 3000		5.2 5.0	95.3	\$6.8 97.1	96.1	76.8 47.1	96.F	96.R	96.4	95.5	96.2	96.5	75.8	96.2	96.8	\$1.0
≥ 2500 ≥ 2000			00.1 95.2	97.1	97.1	7.1	97.1	97.1	97.1 97.7	97.7	97.7	97.1	97.1	\$7.1 \$7.7	97.1	97.1
≥ 1800 ≥ 1500		7.1	97.1	08.1 78.7	99.	9.	9 .1	90.4	98.1	95.4	98.1	78.1	30.7	96.1	98.1 99.7	95.
≥ 1200 ≥ 1000		7.1	97.7	98.7	99.	9.	99.4	29.4	90.4	99.4	00.4	99.4	00.7	29.7	99.7	59.
≥ 900 ≥ 800		7.1	97.7	56.7 93.7	99.4	9.4	99.4	79.4	99.7	99.4	79.4	99.4	70.7 1.0.0	99.7	99.7	3. 7 10:
≥ 700 ≥ 400		7.1	97.7	98.7 98.7	99.4	ं 9. म	99.7	99.7	99.7	94.7 59.7	99.7	99.7		100.0	F . • .	F
≥ 500 ≥ 400		7.1	97.7	95.7	28.4	9.4	97.7	9.7	79.7	99.7	99.7	99.7	1 G • C	100.0		100.0
≥ 300 ≥ 200		7.1	97.7	7.40	99.4	9.4	99.7	29.7	\$9.7 \$9.7	9.7	99.7			100.0	100.0	1:0.0
≥ 100 ≥ 0		7.i 17.1	97.7	98.7	99.4	9.4	79.7	99.7	\$9.7 99.7	99.7				170.0	,	3.00

				N .	
-	A414A4 B B B	-	AATENIA SIAME		,
IOIAL	TUMBER	u	OSSERVATIONS	-	٠
		_		 _	_

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	2 %	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000		3	5 · ^	5.9		43.5	53.	63.9	63.7	63.0	6	63.9	M7.0	1	.3.3	A 1.
		7.	7: 1	79.1	70.0	74.0	74.6	79.0	77.	79 01	72.3		75.0		750	7
≥ 18000 ≥ 16000		7.4	7 .1	70.	77.	79.	79.0	79.0	79.0	74.0	79.3	79.3	70.0	_	70.	7:-
≥ 14000 ≥ 12000		7 .1	7:.7	7/.7	74.7	79.7	79.7	79.7	79.7	75.7	70.7	79.7	75.7	79.7	79.7	79.7
≥ 10000 ≥ #000	_	7.3	83.6	54.5	84.5	· 4 · 5	8 . 5	34.5	84.5 85.2	84.5 25.2	64.5	84.5	34.5	94.5	f # . £	04.5
≥ 8000 ≥ 7000		5.	#6.1	47.1	87.1 00.0	7.1 0.0	\$7.1 20.0	87.1 26.0	37.1 90.0	97.1	37.1	87.1 55.0	87.1	27.1	67.1	4 7 . 7
≥ 6000 ≥ 5000		1. 7	9 - 7	63.7 21.6	97.7	1.6	90.7	2B.7	70.7 91.6	91.6	90.7	91.6	· . 7	37.7	51.6	1.
≥ 4500 ≥ 4000		54.7	0 . 7	91.6 92.3	92.3	11.6 2.3	91.6	41.6	91.·	91.6	91.5	01.5	-1.6	92.3	5 1 e t	31.6
≥ 3500 ≥ 3000		1.	91.9	02.9	93.0	2.0	97.0	42.9	93.0	92.9	97.0	97.9	97.4 93.4	92.9	12.5	43.4
≥ 2500 ≥ 2000		1.7	5 ' • 2 • 4 • 2	54.2	94.2	*4.2	96.2	54.2 75.2	25.2	94.2	94.2	94.2	94.2 25.2	95.2	74.7	25.2
≥ 1800 ≥ 1500		3.2	94.5	5 .5	95.5	75.5	95.5	75.5 57.7	97.7	95.5	95.5	95.5 92.1	95.5 52.1	95.5	95.°	9:05
≥ 1200 ≥ 1000		5.5	97.7	93.7 99.1	99.7	8.7	99.7	96.7	99.7	99.4	99.7	99.7	. 2 . 5	99.1	99.7	??.
≥ 900 ≥ 800		75.0	97.7	99.(. 99.4	0 0 0 0 0 0	9.4	99.1	99.3	99.4	99.4	99.7	7.90 3.02	74.7	9.7 155.5	99.7	99.7
≥ 700 ≥ 400		5.°	90.1	74.4 59.4	79.4 79.4	9.4	99.4	79.4	99.N	99.7	1 0.0 1 0.0	00.0	20.0 20.0	100.0	171.0 150.0	192.
≥ 500 ≥ 400		5.	98.1	79.4	59.4	9.4	99.4	99.4	59.4 99.4	99.7	1. n.s	0.00	100.1 120.0	178.1 18.0) 00 - 0	100.1
≥ 300 ≥ 200		5.	94.1	09.4 09.4	99.4	39.4	99.4	99.4	99.4	99.7 79.7	100.0	0.001	100.0 102.0	1 0 0 C	0.00: 0.00:	170
≥ 100 ≥ 0		5.3	99.1	79.4	99.4	9.4	99.4	59.4	09.4	- 1	100.0			00.0	0.00	

TOTAL NUMBER OF OSSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 4	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	2 %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING		4.7	7	34.5	75.8	75.6	75.	7 8	77.8	75.5	75.9	7002	77.4	75.4	75.6	•
≥ 20000		1.	51.6	1.5	23.2	1.9	21.7	11.9	11.7	1.	81.7	51.0	11.	1.0	,1.5	1.
≥ 18000 ≥ 16000		1.	#1.6	1.9	41.6	1.0	71.9 21.9	1.9	61.7 51.5	*1.7	61.5	1.7	1.0	21.2	11.5	
≥ 14000		1.7	31.6	1.0	51.7	.1.9	51.0	71.9	:1.9	41.7	11.1	91.0	11.5	11.0	21.7	1 .
≥ 12000		. 3	. 0	13.2	43.7	-3.2	£ 4.2	3.7	13.2	83.2	03.2	37.2	17.2	23.2		
≥ 10000		1.0	€4.0€	4.8	54.0	-4 . 8	24.5	94.0	40.8	64.4	£4.A	74. F	54.5		F4.6	5., .
≥ 9000		4.	85.5	5.8	25.4	15.2	BT.A	:5,€	M 4 9	35.0	#5.E	#5.A	25.8	35 .	55.0	
≥ 8000		0.5	87.4	0 . 7	97.7	27.7	87.7	67.7	37.7	97.7	87.7	87.7	57.7	27.7	27.7	1.
≥ 7000		8.7	87.7	9 . 3	<u> </u>	0.0	C.7	2.3	10.0	64.01	50.0	45.40	P1.0	9 .	73.	
≥ 4000 ≥ 5000			91.4	1.6	97.7	1.6	97.7	70.7	10.7 11.6	71.5	10:	90.7 91.5	1.6	1	93.7	
		7	71.6		91.7	¢1.3			91.3		91.7	71.0	1.	91.6	U1.0	
≥ 4500 ≥ 4000		1.0	9		73.7	3.2	23.2	3.2	93.2	73.2	? . ?	* 7 . 2			73.2	
≥ 3500		.1.0		93.2	51.7	3.2	73.2	13.2	18.2	93.2	= 7.02	43.2		+	93.7	A
≥ 3000		200	37.6	7.5	63.0	3.9	93.2		93.5			93.	-		43.	
≥ 2500 ≥ 2000		200	9 3	92	75.2	3.7	93.9	93.9 5.2	93.9 95.7	93.9	95.9	94.2	77.3	39.5	98.9	
≥ 1800		4	94.3		94.0	75.	73.5	75.5	95.3	9 5	94.4	64.0	6.1	+	4	
≥ 1800 ≥ 1500		7.1	93.1	99.	13.4	3.4	64.4	78.4		66.4	39.4			46.4		ς .
≥ 1200		7.7	92.7	24.	9.7	ē. :	99.	69.	1000	C G .	93.0	30.0		13.	50.	77
≥ 1000		, H . 7	99.7	1 0.0	100.0	: C • 0	100.0	170.0	100.0	100.		100.0	2000	300.0	100.0	100
≥ 900		. 2. 7	83.3	1,000	100.0	1 "0.3	00.0	1 TO 3	טייניני	100.0	10,0000	173.7	100°C	י פיחדייי	106.0	100.
≥ 800		- 7	99.7	100.0	130.	1 <u>13.</u> 0	0.00	1 T to 0.01	160.0	100	100.0	170.0	1 0.0	L Co	: n · • 0	12:01
≥ 700		· E . 7	•		130.0		100.0	1		100.0		100.0	1 ~~ ~		100.0	
≥ 600		5.7						10.0							100.0	
≥ 500		3.7			3 20 • 0			100.0					Ľ ` _	100.0		
≥ 400		2.7						50.3							1.0.0	
≥ 300 ≥ 200		3.7	99.7		100-0			10.0			100.5		r -	100.0		
			92.7											100.0		
≥ 100 ≥ 0		2.7												Ca.D		

TOTAL NUMBER OF DESERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (\$T	ATUTE MIL	.ES)	_					_
(FEET)	≥ 10	≥ 6	≥ s	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ 14	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000		, ,	8 .5	61.9	70.0	3.0	70.0 91.1	70.5 21.1	75. 21.1	7 .	77.5	7 .7	1.1	77.	7 11 .1	
≥ 18000 ≥ 14000		7	4 . T	+1.1 *1.2	c 1 . 1	1.1	51.1 21.3	11.1	91.1	91.1	61.1	51.1 51.2	1.1	"l.i	1.1	1.
≥ 14000 ≥ 12000		1 2	91.1	1.5 2.7	31.6 32.5	1.5	11 · s	1.6	11.6	:1.6 32.8	31.A	1.6	1 . E	31.6	51.6	
≥ 10000 ≥ 9000			54.4 55.3	章 章 章 章 章 章	84.9	6 × ×	84.9 05.5	74.7	30.0	94.0	34.4	54.9 35.5	20.0	54.6 55.2	24.4 25.4	F 44 .
≥ 8000 ≥ 7000		e v	87.3 Q.2	37.7	37.8	-7.8. 3.7	37.8 90.7	57.8 50.7	57.5 55.7	£7,5	47.9	57.8 5.7	67.5	67.6 50.7	# 7. F	
≥ 4000 ≥ \$000		39,9	91.	01.0	01.1	21.0	71.1 71.	91.1 91.8	1.1	91.1 91.2	v1.1	91.1 91.8	91.1 91.5	1.1 71a	^1 • 1 91 • •	1.
≥ 4500 ≥ 4000		1.2	31.8	**************************************	97.7	3.4	91.9	31.7 63.1	91.°	~1 >3.1	93.1	91.9 93.1	03.0	71.	73.5	· .
≥ 3500 ≥ 3000		1.7	74.1 64.0	77.6 94.6	94.6	-3.7	23.7	34.7	95.7 34.6	73.7		93.7	77.7 54.5	21.7	7.7	7 . 2 4 .
≥ 2500 ≥ 2000		4.1	74.4	74.9 56.0	95.0 96.1	5.0	78.	35.5 96.1	15.	95. 33.1	oe. ·	·5	1.4	. 5	45.	دند.
≥ 1800 ≥ 1500		6.	3	70.4	96.5	6 • 5 56 • 6	96.5	96.5	76.5	96.5		\$\$.5 \$0.7	70.00	98.5	54.5 98.5	ر د د د <u>د تـ لا</u> .
≥ 1200 ≥ 1000		6. R	96.1	98.6	99.2	96.9 19.2	>9.0 99.4	79.5	99.1	99.1	90.1	49.5	99.A	79.3	99.2 99.6	99.
≥ 100 ≥ 800		5.7	96.5	99.	99.3	9.3	99,5	29.5 29.7	99.6	9.6	99 a	99.6	59.8	97.3	59.7 59.8	99.
≥ 700 ≥ 400		16.7	90.5		99.4	9.5	99.5	79.7	79.7 99.0	99.8	99.4	99.8	29.9	99.6	? ? 9	90,
≥ 500 ≥ 400		56.9	vñ.6	69.2	99.5	9.5	99.7	09.8	99.5	99.6	99.9	99.0	23.9	99.7	99.9	99.
≥ 300 ≥ 200		6.7	93.6	79.2	79.5	49.5	99.7 95.7	99. A	99.A	99.5	99.9 99.9	99.9	59.9	99.5		100.
≥ 100 > 0		5.	9	1		79.5				99.5	60.0	99.0	79.9		0.00	

TOTAL NUMBER OF	CARROVATIONS	•
IOINT MANAGEM OF	O-201 - W. I COLOR	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

(FEET) ≥ NO CEILING ≥ 20000 ≥ 18000 ≥ 14000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 10000	3 4 6	7 7 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.	≥3 73.3 ×4.1 84.1 54.7 45.0 77.0 77.0	236 236 246 2 246 2 246 2 256 0 276 0	22 73.3 94.1 94.1 84.7 85.0	≥ 1% 77.65 : 4.02 54.0 54.0 54.0	≥ 1% 73.7 94.0 84.0 34.7	≥1 73.3 84.11 64.11	74.0 84.0 84.0	34.0	≥ ½ 77 • 3 .0 • 0 4 • 0 5 4 • 0	≥ 5/16 25 4 7 24 4 C 24 4 C 24 4 C	≥ 4 77.3 94.7	≥ 0
≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000	2 2 4	3.4 7.4 7.64 7.64 7.67 7.77	4.	54.0 54.0 54.0 54.0 45.0 47.0	94 - 7 - 5 - 0	04. 04.	54.0 54.0 54.0 54.7	50.00 月数。 2数。()	84.1) 64.6 84.	74.0 84.0 84.0	34.0 34.0 34.0	4.5 4.5 4.5	0.4° 0.4° 0.4°	34.7	- 10 g
≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 10000	2 4 4	1 64 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	4. 7 5. 1	84.7 54.7 45.0	94.7 5.0	24.7 84.7	54.5 54.5 54.7	유행 . 동화 . 라	64.0 64.	κ≒•0 nω•	34.0	4.5	***D	,4. 74.7	14 g
≥ 14000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000	2 4	2 2 2 2	\$ 4.7	48.7 48.0	94.7 -5.0	84.7	94.7	84.0	84.	រាធ្	34."	14.5		74.7	.,
≥ 12000 ≥ 10000 ≥ 9000	4 8 30	1 0 7		48.0	-5.0			40.7		_					
≥ 9000	. A.	7 2		, ,	77.A		3 5 . ~	63	34.7	84.7	54.7	94.7	84.7	24.7 N5.	• • •
	3	.7 7 .7			67.3	57.3	27.3	37. 67.3	57. 57.3	57.3	A7.	57.0	97.	57.	• •
≥ \$000			7	3:.7	5.7	2.7	70.7	73.7	70.7	90.7	50.7	96.7	≎ . 7	5 . 7	77.
≥ 7000				0.3.2	3.0	6,99	93.0	:3.0	93.0		93.0	73.E	1.2.3	7.8.n	•
≥ 6000 ≥ 5000		· 1 ·	7	730	3.7	97.7 43.7	33.0	93.7	93.0	73.N	73.0	37.60 27.47	73.7	9 % 3 7	
≥ 4500 ≥ 4000		94.0	7 . 7	07.7	3.7	94.0	0 to 1	23.7	43.7	93.7	22.7	7	0 V . Y	54.0	72 44
≥ 3500	1	3 94.7	1 24.3	24.3	4.3	24.3	44.3	94.7	94.5	94.2	44.3	-4.7	24.3	94.3	04.
≥ 3000		· 3 04 · 3	4	4 . 3	4 . 3	94.3	14.3	74.3	94.3	74.3	94.3	4 . 3		34.3	
≥ 2500 ≥ 2000	5	3 34 7 3 36 5	76.0	74.3	6.0	94.3 96.0	74.3 76.C	34.8	2002	94.3	96.	46.0	04.3	36.7	76.
≥ 1800 ≥ 1500	6		39.0	97.3	97.0	97.0	97.D	- 1	77.3		97.0	99.0	37.5	97.	ψ7. QQ.
≥ 1200	ė	3 93.1	69.3	20.5	19.3	49.3	29.3	99,₹							
≥ 1000					29.7		rcu.b						100.3		
≥ 900 ≥ 800	. 8	7 97.7	1		.9.7	- 1	100.0 100.0			100.0				1	
≥ 700 ≥ 400	3		1	\$2.7	9.7	1	100.0			170.0 197.3		100.5	100.0		-
		7 2 2					70.0						00 E		
≥ 500 ≥ 400	1	7 02 7	1	1 1	9 7		00.0								
≥ 300 ≥ 200	38		70.7	19.7	10.7	00.6		00.0	100.0	100.0	100.D	100.0	10.0	100.0	100.0
≥ 100 ≥ 0	₹ 8	7 49.7		99.7	79.7	. 'O.B	65.0 30.0	100.0	103.0	100.0	100.0	CG.0	0.00	100.0	00.3

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ %	≥ %	≥ %	≥ 5/14	≥ %	≥ 0
NO CEILING ≥ 20000			7.	3.7	7t."	76 . C	78.0	"6.0£ 63.0	76.0 6 % C	76.0	71.00 23.00	74.0 53.0	75.0	76.0	53.7	
≥ 18000 ≥ 16000		2.	# 3 . 1 6 3 . 3	2 t.3	93.0	3.3	67 67.7	23.3	33.3	3	6 % 5 5 5 • 3	83.3	3.0	31.3	67.7 27.1	
≥ 14000 ≥ 12000		₹• '	83.5	27.7 25.6	43.7	43.7	63.7	63.7	43.7 87.7	93.7 35.0	43.7 45.4	33.7	87.7	63.7	37.7	9 , ,
≥ 10000 ≥ 9000		2 7	6 " . \ 3 7 . *	7.3 57.7	97,0		67.7	17.0	37.7	87.1 97.7	27.7 27.7	27.7	27.7	*7.(57.1	47.
≥ 8000 ≥ 7000		7	9 . 1	1.7	75.7 71.7	9.3	35.5 1.7	0.3 1.7	7.7 7.0 7.0	91.7	50.3 91.7	7 .3	1.7	69.7 91.7	91.7)).)].
≥ 4000 ≥ 5000		2 • 3	01.7	1.7	C1.7	1.7	91.7 43.5	73.3	01.7	91.7	51.7 57.3	1.7	:1.7	1.7	51.7	1.
≥ 4500 ≥ 4000		i 3	98.2	13.7 No. 2	97.3 34.	3.3	37.3 84.0	13.3 24.7	97.7	74.	9 T. 3	3 . 1 5 4 9	: 7 . ₹	7 · 3	7 . 1 5 M . 1	
≥ 3500 ≥ 3000			5 () 6 ()	. 4 . i)	94.0 94.0	' 4	94 54.7	14.0°	94	C4.	94.;	74. .4.		∷e . ∴4 ,	. u .	ي پوٽ ويدرو
≥ 2500 ≥ 2000		4 9	70.C	15.0	94.0		94.5	94.0 3.6	35.5	95.0	3 5		, u	. No. of	' ध् र उद•	
≥ 1800 ≥ 1500		4,7	95.7	05.7	75.7	'5.7	* . 7 3 * . 7		55.7 13.7	85.7 83.7	98.7	95.7	, ,	:5 7 : 3 . 7	55.7	
≥ 1200 ≥ 1000		# ·	90.	69.	90.2 99.5	9.3	9 4.7	1	99.7 196.0	90.7 ناور 1	- 1	39.7 100.0		19.7	(4.7 100.0	91. 122•
≥ 900 ≥ 800		8.	90.; 57.7	99.7	59.7	39.7 39.7	(.c.a	3 .00 t		150.U	r - 1	0.00 100.0		140.0 20.0	100.0	
≥ 700 ≥ 400		/8.5 8.0	40.0	79.E	29.1	9.	0.0	170.5 130.5	00.5 PJ.5	100.0 100.0			1.00C	100.0 100.5		
≥ 500 ≥ 400		5.	ଷଷା•୍ମ ଷ୍ଟା•୍ମ	19.7		9.1	00.0			1 12.7 135.6		190.5 190.5	00.0			30 . ·
≥ 300 ≥ 200		» • » •	96.	19.0 19.0	30.7 99.3	9.	00.0	00.0		100.0				F 1	100.0 150.0	
≥ 100 ≥ 0		# •	90.	9.0	99.7	30.3	1 0.0 10.0		-	.07.0 103.6			F			

TOTAL NUMBER OF OSSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	LES)			_			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%,	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		7	77.3	77.1		77.7	43.7	13.3		1		73.7	7.,,		77.7	-
≥ 18000 ≥ 16000			77.7	7 .	7	77	7 7		7	7 .5	71.0 77.0	73.8	7 .0	7: .	7 7	,
≥ 14000 ≥ 12000		2.07	7 . 7	71.3	7	70.0	72. T	70.3	90.7 9.0	7	70 . T	7: . 5	7 . 3	7: • 1	72.	
≥ 10000 ≥ 9000			83	4.7	54.7 45.47	34.7	74.7	64.7 75.3	24 € ₹	94.7 55.3	84.7 -5.3	24.7 25.2	84.ª	54.7	is 4 . 7	3.
≥ 8000 ≥ 7000			0 1 e 7	P • • Ω - 3 • €	7	3.0 3.0	18.5 03.0	5.0° 13.6°	01.0	93.0	56.0 93.0	37.7		23.		
≥ 6000 ≥ 5000		1.	97.7	1.3	5:•* ~7•7	3.5	3.2	7.3	43. t	93.3	7.1	95.3 5.5		73.3	14 T 1	
≥ 4500 ≥ 4000		1.	3; • 7	2.3	03.3 63.7	3.3	73.3 67.7	3.7	7	73.7	• 7 • 3	77.3 2.7	7.7	7.3.7	9.1.7	
≥ 3500 ≥ 3000		1.1	41.3	74.	93.7 -4.5	13.7	73.7	7 . 7 	: ? • 7 ? ti	23.7	; . 7 ; 4 .	74.7	• 7	-3.7	4.	7
≥ 2500 ≥ 2000			\$ 5 . T	4.3 6.4.3		4.5	04.3 36.0	76.0	74.7 96.	5 4 . 5 3 5 .	94.3 94.	14.3 16.	•	34.3	.u.,	
≥ 1800 ≥ 1500		"	7 4 6 7 7 7 6 7	ેક.7 ?:.0	96.7 78.5	6.7	95.7 97.7	6.7	35 .7 55.0		: 1	76.7 35.	,	.6.7 58.1	9.5.7	77.
≥ 1200 ≥ 1000		15.1	97.7	68.7 68.7		8.7	98.7	6.7		99.0	90 n	38.7 39.3		49.	78.7	***
≥ 900 ≥ 800		5.7	\$9.3		20.3	9.7		09.7	30.3 9.7	99.7 1 0.0	39.7 180.0	0 9.7 106.0	56.7	70.7 170.0	49.7	1 ~ .
≥ 700 ≥ 600		5.7	37.3	79.3	94.3 09.3	9.7	99.7	90.7	99.7	7.0	100.0	ខេត្តម	100.0 120.0	70.0 70.0	100.1	
≥ 500 ≥ 400		5.7	23.3	99.3	30 - 4	9.7	99.7	. Q . T	99.7	3.0	0.001 0.001	180.7	77.6	ខេត្ត	1.8.7 113.0	
≥ 300 ≥ 200		5.7	33 • 3 30 • 3	C 0 . \$	2 C	19.7	79.7	09.7	19.7	103.0		100.0	1.0.3		18 0. 0	7.
≥ 100 ≥ 0		5.7		49.3		9.7			_		100.0		r	_	100.1 100.1	

TOTAL MINAPES O		-
TOTAL NUMBER O	L OBSEKAVIIOUS	

4,

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ′•	≥ 0
NO CEILING ≥ 20000			7	, ,	61.7	5 a 3	7:	7.00	- T. • 7	65. e 7	76.0	7 % 6	7	. • .	7.	7
≥ 18000 ≥ 16000		14.7	7 .7	7 . 3	75.7	75.7	72.3	7 7	77	7	7 7 7 7	7 . 7	7	7: , 1	71.	, ,
≥ 14000 ≥ 12000		7.5	70.7	7:7	77.7	15.1	74.3	7 • 3	7	71.5	7	71.7	1.	7	70.	7
≥ 10000 ≥ 9000		1.7	, t	-1.7 24.7	93.7 34.7	54.7 34.7	23.7 24.7	91.7	95.7 24.7	85.7 84.7	· * • 7	33.7 in.*	57.7	-3.7	, , , , ii	, ,
≥ 8000 ≥ 7000		1 / 2 3	8	. 3 4 7	7.9 90.7	7.3	67.7 80.7	4 7	77.7 19.7	47.5 9?	л • 1 В 7	7.3	5 7 . T	7.3 20.7	37.	
≥ 6000 ≥ 5000		7.7	9 .7	. 7	??	7	75 • 5	0.0 - 7	7	7	• •	50.5 _b.7	7	7.C.	•	
≥ 4500 ≥ 4000		5.7	91.	: ::::::::::::::::::::::::::::::::::::	91.7	1 63	61. 22.3	1.	1.	51.	v 1 • ·	1.5	1.7	1.		
≥ 3500 ≥ 3000			7 م دي 7 م ت د		32.7 73.7	2.7	92.7 97.0	7 3.0	2.7	2.7	12.7	00.7 73.	~ , 7	12.7	67.7	-
≥ 2500 ≥ 2000			17.0	; . 7	33.7	13.7	ા ર ુ ? કિ.કે	6.7		= 3 . 7.	- 7 7		. 7 . 7		·:.7	, ,
≥ 1800 ≥ 1500		,,, 5.7	7 n >	5.7	36.7	9.2	6.7 59.1	7	7	96.7		77 27.3	1 7	35.7	16.7 32.	33.
≥ 1200 ≥ 1000		F . 7). >9.	्ष्य १ १	9.3	00.3	24.3	19.7	99.3	20 . 3 1.2 . 3	49.3	0.7	٠.٠	30,1	
≥ 900 ≥ 800		4.7	7/.	5 .	94.3 90.7	9.3	99.7	99.3	50.3 59.7	74.7 1.0.0	90.1 195.1	99.3 23.3	7.7	19.3 173.5	00. 20.2	
≥ 700 ≥ 400		3.7	¥ ~ • : ○ ° • •		99.3	9.3	99.7 29.7		70.7	1 33.5	300.0	lio•∩ Liu•C	1.0.5 113.0	110-1	.00.1 100.4	
≥ 500 ≥ 400		5.7	- 7	>0.0 -5.6	99.3	9.3	99.1	29.7	79.7	1 1 0 • 2 1 0 0 • 0	135.0 185.1	100.0	inn.n Lunai	1	187.1 180.1	22.
≥ 300 ≥ 200			06.3 34.7	14.	70 T	9.1	0.7	9.7	٠ ب		100.0			100./ 130.9	1 +0 +0 140 +0	
≥ 100 ≥ 0		4.7	97.	٠.	00.5	9.3	99.7 99.7	9.7			100.0			100.0		

TOTAL NUMBER OF	OBSERVATIONS	

DIRNAVOCEANMET

G.

CEILING VERSUS VISIBILITY

HOURS (L S T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	CEILING VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ '•	≥ 0
NO CEILING ≥ 20000	L -		7 . 7	: 1.7	74.7	1.1	7:.7		1.	61. 76.7	1.7	1	7	1.	1.	
≥ 18000 ≥ 16000			77.	7 7	7	5.7	?~.7	74.7	7., 7	7	7:07	77.1	7 1	-7.	77.	- ,
≥ 14000 ≥ 12000			7 . 7	77.7	77.7	7.7	77.7	7	77.7	11.	77.7	77.7	7.7	77.	,- ,	•
≥ 10000 ≥ 9000				•		5 • 			-	•		• •	• ^			
≥ 8000 ≥ 7000			9			7.1	37.1		•	17.3	7.	7.1		i • •	· · ·	
≥ 6000 ≥ 5000			8 • ₹ . : •	F: • 7	! • 7	1.	34.7	° · , . 7		1	1	11.	1.			•
≥ 4500 ≥ 4000	<u></u>		, ,	1.7	7.7	7.7	07.		1.		1.7	• 1 • 7	1.7	1.		·
≥ 3500 ≥ 3000		•	•	•	· · · · ·	3.3		7.1		3.5	, ,	3.3 e		3.	•	
≥ 2500 ≥ 2000			, e	. 7	37.3	3.7	93.7	5.7	, ,			• • • · ·	`.7 '.3			· · · <u>·</u> .,
≥ 1800 ≥ 1500		3.7	-	24.	ü	7. 7	96.3	6.3	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	16.5	3 .	9.1		` . 		• • • • • • • • • • • • • • • • • • • •
≥ 1200 ≥ 1000		7.	9 3		, , 3	9.7	25.7	C.7	7.7	19.7	90.7			<u> </u>	5 . 1 5 . 7	
≥ 900 ≥ 800		, ,	96.3	7.7		0.0		100.0	ine.	17		171.0		1000		1 .
≥ 700 ≥ 600		•	93.3	70.7	\$. 7 \$. 7	: 10.0 : 0.0	100.0	170.0	: 50 Ye 🔿	155.66 159.0	100.0			1 17.		<u> </u>
≥ 500 ≥ 400		7.	97.3	13.7	9.7	1 2.0	100.0	ם. ירו	1 :	133.0 130.0	.nt.n 101.7	1.12.0 100.0	10.7	100.0	100.0	
≥ 300 ≥ 200		•	97.7	7	79.7	1 0 • ·		1 7 • 0 1 7 • 0	1 311. 1	1 0 1	100.2 120.1	100.5 100.3		1.00.7	ეი.ი .გი.ი	
≥ 100 ≥ 0			94.3	00.7	79.7	•	100.0 100.0	100.0		150.1 150.0	100.1 100.1	150.0 150.6			:30.° :30.€	

TOTAL MUMBE	P OF ORSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¥	≥ 46	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000			2 .7 }	53.5 7 .7	71.5	1.7 78.7	31.0	74.7	7:0	73.7	: 1 • 7	7: • 7	7 ,	7 . 7	1.	,
≥ 18000 ≥ 16000		7	7 . 3	7 . 7	70.7	7.87	75.7	7.47	74.7	75.7	7 . 7	7 - 7	_	75.7 75.7	70.7	*
≥ 14000 ≥ 12000		3	1.3	7 . 7	7	75.00 21.7	7	7 ° • °	7 • 0 81 • 7	77.0	21.7	74.3 31.2	71.00	73.	31.	به را د د د
≥ 10000 ≥ 9000		5.2	4, u 7	£ .3		6. 5.3	5 4 . 3 5 4 . 3			50 eg		50 mg	21.0	30 • € 36 • €		,
≥ 8000 ≥ 7000		K . 7	8 .7		•	2	95.			5				73.		
≥ 6000 ≥ 5000		2.	•	7., 3	5.00 S	2.3 3.0	50.3 53.0	17.5	-2.7	3.5	3 . 3	3		72.5		
≥ 4500 ≥ 4000		1.7		3	58.3 15.5	5 • 3 5 • 0	93.3 5.0	25.0	1.7	93.3	0.7			13.	7.3	
≥ 3500 ≥ 3000		1 4 .	70.7	25 • 7		5 • 5 •	56.	\.)	5.7 3.5	75.0 76.0	45.6	15.3 16.2	?	36.	15.0	
≥ 2500 ≥ 2000			-5.7 7.9	, i, 7	96.7	6. 5	46.	6.3	55.5 56.5	10 6 0 5	5 8 . M	16.07 25.03		73	6.3	′ · •
≥ 1800 ≥ 1500		6.0	96.02	70.0	77.	17. 8.3	47. 45.7	35.7	97. 94.7	91.	67. C: .7	50.7	, ,	07.	37.	F 7.
≥ 1200 ≥ 1000		6.7	34.3	7	19.7	9.7	79.7 <u>7</u> •301	7.44° 100.5	500 € 170 €	99.3 170.2	\$7.3 107.0	75.3	,	79.3	· 3 ·	5 () .
≥ 900 ≥ 800		5.7		97.7	17.7 500.7		100.0 100.0			133.0 133.0	160•3 163•3		7.7.7	Γ	305.1	
≥ 700 ≥ 600		6.7		27.7		5 . 7 9 . 7	-	110.6 173	L	150.0 17. •3	137.3	1	ľ	100.5 100.0		
≥ 500 ≥ 400	-	5 • 7	9	5 3 • 7 ~: • 7	99.7	9.7		1 1 7 . 7	190.0 190.0	10000	100.0 100.0	<u> </u>	13000	105.0	1	
≥ 300 ≥ 200		5.7	7:01	* • 7	17.7	9.7	1.00.0	1 7 7 • 0 1 0 7 • 3		190•0 190•	: 37.5			113.		163. 173.1
≥ 100 ≥ 0		6.7	7	.7		9.7	190.0 170.0	r · ·		160.0 120.0		:00.0 :00.3	_	100.0	F	

TOTAL	NUMBER	OF	OBSERVATIONS		

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73.

79.

39.

44.0

74.

37.

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 1% ≥ 5/16 77. 77. 77.3 77.5 77.3 *7. 77. 77.0 77.7 77.7 77. 77.3 77.3 77. 7. 77.3 77.4 77.3 77.7 77.7 ≥ 14000 ≥ 12000 24 . ≥ 10000 ≥ 9000 81. 0 . 65.7 ≥ 8000 ≥ 7000 °1. 1.7 1. 31.7 1.7 41.7 ≥ 6000 ≥ 5000 1.3 1.7 ¥1.7 91.7 1. 91.7 93.0 • 71.7 1.7 <1. 1. 1.7 ≥ 4500 ≥ 4000 7:0 \$ it . ÷4. ~ f4 . 54.3 34.7 24 - 3 4.3 14.7 95.7 <u>C.A.</u> ≥ 1800 ≥ 1500 48.7 ë. . 9. 27. 76.7 1200 . . . 3 ... 50.3 24.3 28.1 99.0 93. 79.3 7 - -49.3 70.3 9C.3 8.3 ٥.<u>3</u> 9. 79.7 50.7 7.7 59.7 "C . 3 79.7 29.7 \$9. .0.7 69.7 -9.7 79.7 ं ५. 95. ٠,٦ ≥

59.7

-4.7

69.7

79.7

09.7

98.3

9.

7.0

TOTAL NU	MBER OF	OBSERVATIONS		

50.7

19.7 69.7 60.7 09.7 36.7

99.7

49.7

59.7

99.7

79.7

DIRNAVOCEANMET SMOS

300 200

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET) NO CEILING ≥ 20000 ≥ 18000	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21%	≥ 2	≥ 1%	≥ 1¼	≥ 1	≥ 4	≥ %	2 %	≥ 5/16	≥ 14	≥ 0
NO CEILING ≥ 20000		,		"4. ·4.	74. 7	4	74 °C	740	, a .	74.0	74.3 94.0	74.5 54.5	4.0	~ ti .	*4.	
≥ 18000 ≥ 16000			. 4	4	4.	4.	54.0 54.0	4 . C	-4.5	14.5 84.0	14.5	: 4 . € : 4 . €	1.4	4	4.	
≥ 14000 ≥ 12000			7.4.₹ 3.5.₹	F4.7	14.7	5.3	84.7 85.3	54.7	94.7	84.7	94.7	34.7	#4.T	5 4 . 7	64.7	5 , 7
≥ 10000 ≥ 9000		N	8 . 7	7.3	57.7 54.	7.3	37.3	39.1	37.3 89.0	E ₹ • ₹	2,7 3 60 ∩	8 . 3 6 9 . 0	17.1	57.1 90.	F7.4	
≥ 8000 ≥ 7000		•	• .	1.0 1.4	50.€ 94.€	12.0	52.0 94.0	0 0 0 /4	(၂) (၂) (၂)	00. 94.3	3.0°.	\$7.00 \$4.00	32.0 14.6	02. 74.	97.	
≥ 6000 ≥ 5000		. · · ·	56.3 38.0	4.3	94.7	4.3 3.	4.3	74.2	7 () 2 () 2 ()	96.5	6 . S	74.3 75.6	64.5 11.0	34.1	34.1	
≥ 4500 ≥ 4000		3.	53.1 35.7	7	98.5 98.7	5. 5.7	95.7	. K	45.7	75.7	95.0 95.7	. E . 3	√1.50 1.7	15.7	\5.7	7 C . 7
≥ 3500 ≥ 3000		H .	11.7	40.7	96.3 95.7	6.7	16.7 96.7	56.3 56.7	े क • ₹ २५ • ₹	76.3 75.7	96.3	14.3 56.7	75 • 7 76 • 7	36.7 56.7	56.8	,,
≥ 2500 ≥ 2000		u . 7 5 . ?	3 7 . ^	97.0 51.3	97.5 91.0	47.0 24.0	97.	97.5 94.5	97.0 98.0		97.	27.	47.	97.3	\$7.	٠٠. - د -
≥ 1800 ≥ 1500		5.7	97.	99.3 59.3	Ø: •3 94•₹	ę, r	98.0 69.3		99.5 79.3	99.	94. 99.7	49.3	59.7	38.7	08.1	79. ·
≥ 1200 ≥ 1000		7.	97.T	79.7	99.7	9.7	49.7 09.7	19.7	.7.7 29.7	79.7	49.7	39.7		106.0	190.0 190.0	1 0. 193.1
≥ 900 ≥ 800		7 • 7 • 7	\$5.7 90.3	Ca.7	99.7 99.7	9.7	79.7		99.7 79.7	99.7 99.7	99.7	59.7 45.7	1: 7.0	170.0		
≥ 700 ≥ 600		7.1	30.4	1.7.7	09.7 99.7	9.7	99.7		99.7 99.7	99.7		79.7		100.0	180.9 180.5	T -
≥ 500 ≥ 400		7.	97.7 99.5	29.7	99.7	9.7	60.7 90.7	54.7 69.7	99.7	69.7	99.7	99.7		F -	100.5 160.5	100.1 100.1
≥ 300 ≥ 200		; • ; 7 •	97.7	7,7	-0.7	9.7 9.7	99.7	99.7 ∋9.7	\$9.7 ?9.7	99.7			[ជβ•ា	10.0 120.0	30.0	
≥ 100 ≥ 0		7.	9 - 7	19.7	7.00	9.7	46.7	59.7		99.7	60.7 0.7			00.0		

DETO	MILMARO	O#	CASERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	. ≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ %	≥ %	2 %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000			7 .8	70.8	72.5	79.3		58.4. ₹0.5	15.4 77.7	770.3	75.0	79.5	72.0	79.0	70.0	7
≥ 18000 ≥ 16000		7	7 .9		5. T	0.1	00.6	3 . S	17.1	90.0 80.1	87.5 67.1	2 .0 1 .0 3	1	20.	3 1	
≥ 14000 ≥ 12000			3 6	. 5	3 4 7	2.2	8 ft	-7.2	2.4	85.c	80.A	45.6	77.3	*C.6	97.6	
≥ 10000 ≥ 9000		*•	F . 3	1. E A	85.4 85.4	5.4	85.5	55, 5	05.E		P.5.5	65.5 86.5	45.5	85.5	P5.5	
≥ 8000 ≥ 7000		7	A: . ?	99.4	91.3	91.A	80.5	91.3	80.E	91.º	91.9	91.5	27.5 51.9	31.4		
≥ 6000 ≥ 5000		,	7.0	97.5	2.7	2.3	97.0 97.1	7. C	90.0 40.7	62.	92.7	3	, ~ . 7	92.7	7	•
≥ 4500 ≥ 4000		2.1	37.7	7.8	97.5	93.4 93.0	93.7	72.0	71.0	97.0		73.0	0.7 . 0	93.9	97.7	6 .
≥ 3500 ≥ 3000		2.4	Q 4	14.2	24.5	4.2	94.5	4.2	74.7	24.	94.2 98.5	94.7 64.5	1 4 . 2 2	74 54	44.2	3
≥ 2500 ≥ 2000		4.1	7	0.6°£ 0.7°5	94.0	34.2	94.8 94.2	74.8 6.2	94.5	26.7	94.8	36.2	C4.8	94.7 36.47	96.3	,
≥ 1800 ≥ 1500		4.7	20.4	96.5 98.5	04.7 99.7	6.7	35.0 35.5	96.3	93.9	93.5	95.2	16.0	96.8 97.9	36.6	96.2 98.9	94.
≥ 1200 ≥ 1000		6.7	95.6		99.1	9.3	79.3	79.3	49.6	90.3	49.3	79.3	, 4 	06.4 00.7	99.7	70.
≥ 900 ≥ 900		6.	9.0		77.4	9.5	99.7	79.7	19.7	99.9	79.9	39.0	1:3°0	49.4 100.0	49.8 125.3	
≥ 700 ≥ 400		6.9	94.9		77.5	9.5	99.5	79. 4 99. 6	99.1	99.4 95.9	99.9	99.9			100.0 100.0	01. 10
≥ 500 ≥ 400		5.	94.9	59.3	97.5	7.5	9. P	ଦ୍ର . ମ ୧୭. ୫	95.E	99.9	29.9	69.0	1 0.0 1 0.0		151.0 169.1	152.1
≥ 300 ≥ 200		6.	9 9	1	99.5 4 E	9.5	00.A	99.4 49.8	99.5	99.9	99.9	99.9		130.0 180.0	100.0 100.0	100.0 100.
≥ 100 ≥ 0		6.	9 . 3	,	- 1	9.5	99.8	99.6	99.9	99.9					100.0	

TOTAL NUMBER OF OSSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ 4.	≥ %	≥ %	≥ 5/16	≥ 4	≥ 0
NO CEILING ≥ 20000		7 - i	;	7,4		1.4	7 . 4	77.4	77.6	77.4	77.4	77.4	77.4	77.4	77.6	
≥ 18000 ≥ 16000		• 1	41.14 91.11	1.	91.	1.	1.	91.1	91.	91.5	91.0	51.6 71.0	-1.6	, 1 • 7	/I • ^	·!•
≥ 14000 ≥ 12000	_		21.5	1.0	21.5	1.	31.0	11.7	71.6	71.	91.	91.6	1.	91.	11.0	1.
≥ 10000 ≥ 9000		1.	9	1.6	93.2	3.7	¢2.6	13.6 63.2	17.4	22.6 25.2	97.5	72.6	30.6 3.2	72.t	52.6 41.2	
≥ 8000 ≥ 7000			91	95.4	05.5	3.5 93.9		95.5 95.8	95.5	95.5 93.5	95.5	95.5 95.8	1.7 . S	95.5		· .
≥ 6000 ≥ 5000		5.7) " 3 5 .	96.4 95.8	44.0 94.0	75.5	95.0	95. e	95 73.6	95.5	93.	0 5 . 3	95.0 75.00	9 K . 4	95.1	<u> </u>
≥ 4500 ≥ 4000		5.07	\$5.0 \$5.0	9°.8		95.5	95.8 95.8	95.4 95.8	95.5	95.4	9	05 a	97.0	1) • 3 2 • 5	66. 55.5	c
≥ 3500 ≥ 3000		25.2	97.4	95.8	95.5	75.0	1	75.5 25.8	95.2 95.8		95.7	94.5 35.8	5 s	95.4 95.8		Q .
≥ 2500 ≥ 2000		7.1	95.0	27.8	Q T. A		95.8	95.4 97.7		95.6	95.4	99.6	08.8 57.7	25.6 27.7		•
≥ 1800 ≥ 1500		7.8	91.1	29.7	94.	-t •1	•	79.7	98.1	9001		0: •1	7	7# .:	5 . 3 99.7	71.
≥ 1200 ≥ 1000		٠,٠		100.0	100.0	t 19•i,	170.7 122.0						-			
≥ 900 ≥ 800		3.4	- 1				150.0 100.0							100.C		
≥ 700 ≥ 400		79.4		-	100.0		100.0 100.0			100.0 100.0				100.F	120.0	17.
≥ 500 ≥ 400		9.4			100.0	1 .6.7	100-0		100.0	133.0 105.0	100.0		100.0	1.00.0	100.0 100.0	iec. Uga
≥ 300 ≥ 200		9.1			100.0		0.001			100.0				100.7 100.0	100.0 130.0	160. 160.
≥ 100 > 0		٠.	for•c	190.0	173.0	1 73.7	100.0	: ^७•€	100.0	100.0	100.0	100.0	0.00		100.0	

	 	DASERVATI		
TOTAL			CHES	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000			9 9 . 7	65.7	2 . 7	48.7	90.7 38.7	7.3 ar.7	53.7	20.3	37.7	30.3 66.7	4 - 4 7	29.7	; p . 7	
		e.*	3	36.7	83.7 66.7	46.7	58.7 38.7	98.7 88.7	34." 43."	38.7	85.7	84.7	58.7	88.7 88.7	94.7	
≥ 14000 ≥ 12000		7	27.7	6.°.7	26.7	68.7	A6.7	50.7	37.7	38.7	69.7 91.7	96.7	21.7	A8.7	€ A . Y	
≥ 10000 ≥ 9000		; • ~	71.7	11.0	71.0	1.5	91.0	21. 3.3	71.7	91.7	21. 91.5	\$1.3	91.7 91.5	1.	-1.	
≥ 8000 ≥ 7000			97.5	33.0	37.5	-3.2	97.9	97.5 :7.2	90 m	95.4	97.9 93.2	97.7 93.0	77.7	42.5 3.0	3.7	•
≥ 6000 ≥ 5000		•	V • 2	7.2	43.2	3.2	03.2 93.2	93.7	43.7 93.7	3.1	73.2 07.5	43.2 43.2	7.7	3.7	17.2	
≥ 4500 ≥ 4000		•	43.7	(3.2 (3.2	93.2	3.2	93.2 93.2	3.2	53.7	93.2	93.2 93.2	73.2	7.7		0 7 . 2 9 7 . 2	~ ;
≥ 3500 ≥ 3000		3.0	71.2	3.2	93.2 93.7	3.2	93.2	\3.2 \3.2	93.7 93.7	93.2	43.2	93.7	7.2	73.2 73.2	·	
≥ 2500 ≥ 2000			95.7	13.2 05.5	91.2	75.5	95.5	75.5	45.8 45.8	95.2	97.2 95.5	93.2	-7.7 :5.6	93.2	>3.2 65.5	
≥ 1800 ≥ 1500		€ • A • 1	01.0	96.1 99.4	75.1 99.4	6.1	6.1 99.7	76.1	46.1	96.1	65.1 74.7	76.1	· · · · · · · · · · · · · · · · · · ·	"6.1 99.7	96.1	37.
≥ 1200 ≥ 1000		ं है _क क ~ ं क 4	97.7	20.7 19.7	99.7 9.7	9.7	1 0.0 100.0	1 77.5 1 77.5	183.8 185.8	190.0 19:01		100.0 100.0	105.0 109.0	100.0	100.0 100.0	101
≥ 900 ≥ 800		`5 • € ∴€ • •	97.7	29.7 29.7	99.7 79.7	9.7	ויי ד		140.0	100°3			107.0	100.0 100.0	:57.3 :03.0	
≥ 700 ≥ 400		7 il . u 9 . u	99.7	99.7 c9.7	99.7	59.7 59.7	100.0	77.0 130.0			100.0	190.0 190.0	100.0 130.0	100.0	100.0 100.0	(T)
≥ 500 ≥ 400		` ` `	99.7	49.7	99.7	9.7	100.0 100.0	100.0	107.	100.0	100.0	.00.0	100.0		00.0	107.0
≥ 300 ≥ 200		P . 4	99.7	29.7	99.7	49.7	F	F		100.0	100.0	100.0	127.0 100.0		100.0	199.0 1 9 0.0
≥ 100 ≥ 0		5 a	94.7	19.7	79.7	79.7		1		0.CD1		100.0		120.0		

OTAL MUMBER OF ORSERVATIONS

4

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(PEET)	≥ 10	≥ 6	≥ s	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000			66.5 53.6	1	-1.1 -3.7	-5.1	16.3	16.1	65.1 63.9	66.1	16.1 33.0	55.1	16.1	1 5 . i	.5.1	5 to .
≥ 18000 ≥ 16000			3,.7	4.2	34.2 24.2	4.7	86.2 24.2	4.2	54.2°	54.2	-4.7	4.2	4.7	/4.2 34.2	. 4 . ? . 4 ?	
≥ 14000 ≥ 12000			:	54.8 84.8	54.9 52.4	14.A	94.5 56.4	24 . 3 26 . 3	34 • ₽ 55 • 0	14.6	#4.4 #8.8	84.8 86.8	5 to 6	. 4 . A	54.8 36.6	(4 (5 .
≥ 10000 ≥ 9000			7	1.3	71.3	1.3	91.7	21.3	91.5 91.5	71.5	91.3	71.3 91.9	11.3	91.3	51.7 21.9	1. 21.3
≥ 8000 ≥ 7000			7 4 . 7 9 . r	4.5	14.5	14.5 14.2	74.5 94.6	74.5 94.8	54.8 94.8	94.5	94.5 94.5	94.5	94.5	74.5	94.5	94.5
≥ 4000 ≥ 5000		₹.	74.	55.2	95.2	15.2 .5.2	5.7 55.2	75.2 95.2	95.2	95.2	95.2 55.2	95.2 95.2	7	55.2 35.2	25.2	1 . • 7 2 • • 3
≥ 4500 ≥ 4000		4.7	95 e 5	75.2 75.5	95.2 95.5	15 . 2 15 . 2	98.2 95.5	15.5	95.2	95.2	95.2 98.5	25.5	15.2	95.5	95.2	5 T . 3
≥ 3500 ≥ 3000	ļ 	14 a 5	97.00 68.00	4	95.5 65.8	95.5	95.0	95.2	पुदु_ह पृदु_ह	95.5	95.5 95.5	95.5 95.d	95.5	95.8	95.A	9:
≥ 2500 ≥ 2000	ļ.,		5 2, a 3	37.1	95.6	95.2 	5.0 97.1	95.9	75.8 7'.1	93.5	95.4 97.1	95.A	91.A	57.1	95.	97a1
≥ 1800 ≥ 1500		7.7	97.1	07.4 70.4	97.4	7.4	97.4	27.4	30.0	79.4	97.4	37.4 99.8	97.6 55.4	77.4	97.4 59.4	09.6
≥ 1200 ≥ 1000		7.7	95.7	3 0 4	77.4	9.4	99.4	79.4	30.4	74.4	y 9 . 4	79.4	70.4 50.4	? 9 . 4 9 9 . 4	39.4	69.4
≥ 900 ≥ 800		3.	90.7	* 7 . 7 * 0 . 7	09.7	9.7	99.7	39.7	59.7	19.7 55.7	79.7	99.7	99.7	39.7	39.7	20.
≥ 700 ≥ 600		7.1	99.00 59.	17.7	99.7	19.7	99.7	9.7	99.7 99.7	99.7	69.7 69.7	99.7	99.7	79.7	90.7	
≥ 500 ≥ 400		5.1	6 % 5 %	CO.7		9.7		79.7	79.7		99.7	99.7	90.7	79.7	99.7	2.52
≥ 300 ≥ 200		6.1	99.0	25.7	- 1	. •	99.7	79.7	79.7	99.7	99.7	49.7	99.7	, ,		0.00
≥ 100 ≥ 0		3.1	99.0	0 4 7	39.7	9.7		79.7			99.7				i	

TOTAL NUMBER OF	OBSERVATIONS	
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CEILING VERSUS VISIBILITY

ATHON STATION HANG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 2 ≥ 3 ≥ 2% ≥ 1% ≥ 1% NO CEILING ≥ 20000 . 3.6 93.6 B 5 . 6 63.6 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 85.7 88.7 Glot 11.5 0.7 33.6 6000 5000 97.0 2500 2000 95.7 99.7 29.7 79.0 23.0 -9. 79.7 99.7 79.7 99.7 ,9. 99.7 99.7100.0100.0100.0 99.7 39.7 100.0 00.0 00.0 79.7 99.7 49.7 60.7 99.7

IAL	NUMBER	OF	OBSERVATIONS				

4

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			_				VIS	HBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 114	≥ 1¼	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ 1⁄4	≥ 0
NO CEILING ≥ 20000		1.7	5 • 1 7 · • 6	7.4		79.4	**•1 76•4	9 1 - 1 78 - 4	57.1	5: • 1 7: • 4	50 + 1 70 + 4	76.4	20.1		73.4	7 .
≥ 18000 ≥ 16000		* 4	7".	70.0	77.	??•. 79•.	79.J	76 73	7% . "	79.0	70.0 70.0	75.0	79.0	79.	77.0	, , , ,
≥ 14000 ≥ 12000		79.7	7' . 7 81.6	74.7	76.7	77.7	79.7 31.5	70.7	70.7	79.7	75.7	70.7	70.7	79.7	79.	7 .7
≥ 10000 ≥ 9000		7.	84.5 45.5	14.5	24.5	5.5	HE R	74.5 15.5	4 . E	94.5 35.5	34.5	54.5 25.5	14.5	14.5	14.5	
≥ 8000 ≥ 7000		1,4	5	59.5 39.7	8 . C	19.3 39.7	89.5 87.7	89.7	90.0 39.7	87.7	39.9 84.7	99. 89.7	37.0 83.7	37.	69.7	
≥ 6000 ≥ 5000		00.0	9 . 7	71.43 7.43	91.3	0.	90.0 91.1	10.0 16.3	70.0 33.3	75.1 73.3	97.7 18.3	95.3	5 ° 6	3.6 50.3	10.5	
≥ 4500 ≥ 4000		7	4 .7	~ . V	97.2	1.3	91.3	1.3	3 1. T	71.3	90.3 51.3	916.7 11.3	1.3	7.3	7.5	10.
≥ 3500 ≥ 3000		20.7 5.7	91.3	91.3 01.3	71.3	1.3	71.3	1.3	91.7)1.7	91.3	>1.7 *1.3	91.3 91.3	1.3	91.3	91.1	/1.
≥ 2500 ≥ 2000		13.7	91.2 34.2	\$1.3	91.5	1.3	91.3	1.3	91.3	91.3	91.3 94.5	91.3	74.5	51. T	91.3	~1.0? <u>(4.0)</u>
≥ 1800 ≥ 1500		7 . 41	95.0	\$5.5 \$5.4	90 g #	75.5 75.4	95.5 38.4	95.5	93.7	74.3	9:•ª	94.8	00 m	95.5 99.4	99.4	9 . 4
≥ 1200 ≥ 1000		7.7	98.7	76.7	99.7	9.	99.7	99.5	23°€ 8.°€	59.4	70.4	9.7	59.7	09.7	20.7 100.0	09.1
≥ 900 ≥ 800		8.1	99.0	79.0	99.7 99.7	79.0	99. i	59.4 50.4	60°#	39.7	99.7		105.0	100.0	100.0	177. 188.
≥ 700 ≥ 600		3 • 3 28 • 1	99.0	79.5	99.0	9.0			39.4 UU.B	99.7	99.7		P -	100.3 100.3	: (n.c)	103. 110.
≥ 500 ≥ 400		3.1	70.0	79.8 77.6	ଜନ•ପ କ•ପ	9 • C	99.0	07.4 39.4	99.4 99.4	79.7	99.7		7.0 5.0	100.0 100.0		190.5 100.5
≥ 300 ≥ 200		% • ! ₹ • 1	30.	70.7 1.3.0	99.5 99.1	(9. □	3.P"	50.4 79.4	39.4 -9.4		99.7	99.7	07.0		:00.0	[
≥ 100 ≥ 0		h . !	99.	79.0 70.0	0.00	9	39.	79.4	99.4 99.4		99.7	-		00.0		

TOTAL NUMBER OF CASSEVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 4	≥ 5	≥ 4	≥ 3	≥ 21%	≥ 2	≥ 1%	≥ 1%	<u>≥</u> 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000			5	55.5	45.5	5.	25.5 35.2	5.2	25.5 25.2	50.6 35.2	2	55.5 55.2	. 2	15.3	5 4. 4	
≥ 18000		4 . 7	?	11.2	55.2	5.2 -5.2	25.2	.2.5	:5.2	65.2	35.2	٠.?	2	15.2	35.8	
≥ 16000		"• • •	2	5.6	25.2	5.2	15.2	3.2	• 5 • 5	55	25.7	5.2		.50.	25.7	• 6
≥ 14000 ≥ 12000		4 • 5 5 • 7	87.7	7 5 . 5 5 3 . 7	35.7	35.5 64.7	89.7	75.5 AV.7	50.5 69.7	69.7	유도 4일 음상 17	25.5 99.7	29.5 29.7	29.7	75.5	
≥ 10000 ≥ 9000				~ 3 a 2	\$3.8 54.5	3.2	94.5	3.2 34.5		23.2 24.5	93.7	93.2 94.5	26.5	3.2	73.2	55.5 04.6
≥ 8000		1 , 7	20.1	6.1	26.	6.6	06.5	16.5	95.5	96.5	96.2	26.5	56.0	46.5	16.5	P 5
≥ 7000			44.1	6.1	CE . 5	6,5	36.5	96.5	6.5	76.5	\$6.5	\$6.5	75.5	€ 6 . €	76.4	***
≥ 6000 ≥ 5000		5.5	36.5	66.3	96.5 56.3	46.0 96.0	96.5 96.6	96.5	56.5 56.5	76.	95.5	\$ € • €. 9 € • æ	54,65 63,	66.	76.	0.4.
≥ 4500 ≥ 4000		5.4	91.5	76.5	96.5	26.4	90.00	26.0	66.5	96 .:	95.0	36.5	39 15	Ct.	96.	i.
≥ 3500		5.	94.0	50.8	97.1	77.1	97.1	27.1	97.1	97.1	97.1	97.1	77.1	37.1	97.1	67.1
≥ 3000		· •	OK. 2	36.5	97.1	7.1	37.1	97.1	97.1	47.1	97.1	57.1	27.1	97.1	27.1	77.1
≥ 2500 ≥ 2000		7	94.5	96.	97.1	67.1	97.1	97.1	77.1	97.1	97.1	79.1	97.1	97.1	97.1	77.1
≥ 1800		17.1	62.1	25.1	90.4	3.4	28.4	29.4	- i, • N	94.4	50.4	94.4	4		08.4	
≥ 1500		6.7	90.7	59.7	1 0.0	1 "0.3	100.0	thu.b	167.2	0.00	ם.כם ו	00.0	מ. פח	105.0	ualo.	100
≥ 1200 ≥ 1000		3.7	99.7	19.7	100.0	179.0	100.0 140.0	. ១១ជ		100.0			130.0	30.0		
≥ 900		8.7	37.7	39.7	100.	1 0.	100.0		100.n	103.4	100.3		77.0		101.0	100 • .
≥ 800		8.7	90.7			1.0.3				102.5	100.0		7.7.7	1000	200.3	177,
≥ 700 ≥ 400		3.7	99.7	76.7	100.0 100.8	10.0		0.00 0	100.0 100.0	100.0	135.0	123.6 13.5	tro.o Loo.o		100°0 100°0	100.5 100.5
≥ 500 > 400		A . 7	95.7	49.7	100.0	1:0.0	00.0	53.0	100.0	103.0	100.0	00.0	127.0	ប•្	100.5	0::
		8.7	99.7	09.7		1.0.0				100.0		00.0	130.0	100.0		
≥ 300 ≥ 200		# • 7	99.7	79.7			:			103.0		100.0 100.0		10.01	100.0	00°1
≥ 100 ≥ 0		7 . 7	91.7	79.7						100.0	_			00.0		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ 1/3	≥ 5/16	≥ 14	≥ 0
NO CEILING		•	71.3	1.7	11.3	1.3	11.3	1.2	51.7	91.3	e1.7	21.3	1.7	1.:	1.7	1.
≥ 20000		1	3	3	نمثن	1.3	-0-3	<u> </u>	-11-1	543.3	30.3	60.3		1		ļ
≥ 18000 ≥ 16000		•	9 . Y	5 .7	9 . 7	# C . 3	00.3 80.7	10.1	1) • ¶	* C • 3	ar. 3	*0.3	-n. <u>:</u>	10.7	0.4	
≥ 14000 ≥ 12000		• 3	21.	73.0	1.0	1.3	38.7	1.	34.2	51.	51.0	41.3	1.0	1.0	H1.3	. 4
≥ 10000 ≥ 9000		5.1	9:1	39.1	32.1	9.1	26.1	30.1	- 6 · 1	*a.1	35.1	66.1	. 5 . 1	-5.1	28.1	
≥ 8000 ≥ 7000		3 a .	5 · 5	15.2	95.2	5.0	05.2	· · · 2	95.2	95.2	45.2	95.2	25.5	_		
≥ 6000 ≥ 5000	-	3.5	7	9 <u>9</u> 3* 4 0: 4		78.0	95.3 Çe.	95 s	98.	95.8	95.5	75.6	75.8	45.3	90.	
≥ 4500 ≥ 4000		3	95.0	73.8 45.1	95.	75.0 75.7	95.8 95.7	05.3 05.5	75.5	95 .	35.5	9 .4 26.1	35.1	GE .	25.5	+
≥ 3500 ≥ 3000			9:•1	76.1	96.1	6.1	96.1	06.1	45.1 45.1	26.1 96.1	76.1	76.1 95.1	5.1	5.1	-6.1	40.
≥ 2500 ≥ 2000		4.7		96.5 57.4	96.4	76.5	96.5 97.4	56.5	05.F	96.5	95.5 97.4	96.5	5 6 5 07 4	27.4		(/ <u> </u>
≥ 1800 ≥ 1500		6 - 1	0 1 4 0 0 "	4 . 4	34.4	3.4	59.F	78.4	45.4	73.5		99.5	70.4	95.4	39.5	. <u></u>
≥ 1200 ≥ 1000		7.0	90.4	00.4 09.4	00.4 39.4	70.4	99.7	00.7	.3.7 .9.7	99.7	.7.7	94.7	69.7	59.7	70.7	∔ -≟-≥ = -
≥ 900 ≥ 800		7.1	90.7	39.4	99.4	9.4	99.7	04.7 LDG.D	49.7	99.7	79.7	79.7	29.7	79.7	.0.7	~ 9.
≥ 700 ≥ 600		7.4	90.7	9.7	44.7	9.7				100.5	100.0	100.0	50.0	100.0		
≥ 500 ≥ 400		1 . 2	99.7	09.7	99.7		00.0		00.0	100.5 100.6	100.0		00.0	20.0	00.0	30.
≥ 300 ≥ 200		7.4	97.7	19.7	99.7	9.7	100.0	100.0	-	100.0	00.0		ac.	00.0	100.0	777.0
≥ 100 ≥ 0		7.4	90.7	07.7	59.7	9.7	0.0		90.0	00.0	100.0	100.0	30.0	00.0 00.0	00.0	00.

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING				_			VIS	IBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/3	≥ 2	≥ 11/2	≥ 11/4	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	-		6 1	7: •1	70.1	"+ • 1 5 • 1	76.1	75.1	74.1	75.1	74.1	70.1	7.1	-101	76.1	72.
≥ 18000 ≥ 16000		e o i	3 . 5	ं . 4 • . 4	20 0 to	8.4	53.4 55.4	3.4. 11.4		3	47.4 48.4	5.4		10.4	. 4 . 6	
≥ 14000 ≥ 12000		•	5 .4	ું હ	९३ .५ छु ०.५	3.4	39.4 83.4	तेत्र ्ध हा _{र्} क्ष	4 4 5 6 2 2	23.4	ਦੇਨੈ•ਥ 83••ਵ	60.4 60.4	ા ે . હ 3ે . ધ	35.4	89.0 44.4	• F
≥ 10000 ≥ 9000			-1.6	1.5	01.7 01.5	1.4	41.3 91.5	1.3	11.7	01.5	#1.3 91.6	51.5	11.3	1.5	1.	1.
≥ 8000 ≥ 7000			3 f 1/4 . f	₩.3 \$₹.0	54.5 95.7	14.5 18.	0 8 . 5 C 5 . 6	73.3	18.5°	94.5	€ 6 . 4 9 € . 5	94.5 41.4	7	64.6 35.2	-4.5 1.5.	
≥ 6000 ≥ 5000		,	31.1	55.5	98.3 16.1	6.1	95.8	95. -6.:	99.0°	96.3	95.1	95.0 95.1	45.8	5.):. *.:	
≥ 4500 ≥ 4000		c •	9: •1	16.1	*6.1	6.1 6.1	76.1	76.1 76.1	75.1 58.1	6.1	76.1	38.1 10.1	* • 1 • * • 1	. € • Å	(
≥ 3500 ≥ 3000		E .	91.1 91.5	36.1 18.5	76.1	5 • 1 6 • 5	74.1 76.5	6.3	4. 5	76 • 1 75 • 5	78.5 06.5	15.1 50.3	6.5	* i . ;	76.1	
≥ 2500 ≥ 2000		é • 1	97.5 97.1	16.5	96.5 94.5	/6 . s . s . 1	96.5 53.1	-6 a 5	96.5 98.1	30.5	98.1	75.5	5.5 e1.1	76.5		
≥ 1800 ≥ 1500			ラー。 なり。 な		79.7	4 ·	93.4 91.7	9.7	50.4 50.7		,°.4	79.4	7	70.4	40.7	
≥ 1200 ≥ 1000		ં કુલ ધુ-લ	90.7	19.7 19.1		າ ຄຸດ :	100•0 100•0	105.0 10.0	ſ	170.0 170.5			17.0 1::	100.0	155.0 166.7	
≥ 900 ≥ 800		V . 4	90.7	19.7 19.7		0.0 1 0.1	00.00 00.00) (10.0		130.6 1880.5		(00.5) (0.7.0)	157.7	100.0 100.0	100.0 100.0	1 · .
≥ 700 ≥ 600		، ټي لا ټي د	99.7		120.0 130.9		100.0 100.0	, .		100.3	; ≎5.0 (36.8	105.5 135.0	196.3 19 5.3	175 12 . 7	100 . 0	
≥ 500 ≥ 400		5 . ii	17.7 97.7		192.0 192.0		195.6 195.0		00.0	30.0		(0•9 (10•9	0.00 100.0	00.1	: an. r : ca. a	
≥ 300 ≥ 200		3.5	90.7	9947		C.0	00.0	17.0	0.00	100.0	00.0	0.00	99.0	1.001		i.
≥ 100 ≥ 0		9.4	99.7	79.7	1		07.0			0.50 13.0			L.	1		

TOTAL MILMARE	OF ORSERVATIONS	٠,

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V13	HBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		4 .	1	31 . 1 24 . 7	51 . 5 34 . 7	13.0 24.7		4 % . 9	د يو د وي	85.4 84.7	55.5	z: . ?	4.7	1. 2 . 5 24 . 7	6	
≥ 18000 ≥ 16000		· • ?			75.5 35.1	5 E.1	: 5 es ::4 es	5.3	5.0 23.41	1	75.3 55.1	55.1		5.1	5.	
≥ 14000 ≥ 12000		4	57.4	5 3 4 5 7 4	75.4 87.4	7.4	25.4 5.7.4	7.4	37.1	" > 4 5 7 4	~ . a	33.4	7.4	-5.4	+5.4 107.4	
≥ 10000 ≥ 9000				ر نو	3 5	5.	2 2	3	5 ef	5	1.0°. 1	30.0		3.0	112.3	•
≥ 8000 ≥ 7000			07.6 23.1	. 7	4.7	5 · 7	97.7	4.2	13.7	, : . 7	67.7	17.7	7	77.7	2 . 7	
≥ 6000 ≥ 5000		, a	4 . 4	14.5		4.4	ં કહ્યું કરે. હાલ્દ્ર	4. 4.	24.4		. 4. . 4 Են. . 5	ं च . स ३५ ट	. 1 46	14 e u	14 g 15	
≥ 4500 ≥ 4000			04.0	74.5	74.7	4.5	94.5	90.5 74.9	14.5	24.5	0 4 . S	74.5 74.4	7 ta 6	(4 . ·	94.	
≥ 3500 ≥ 3000			8 4 . 7	84.7 35.	94.5	5.	94.5 75.	No. C	54.5	- 4	94. 85.		<i>v</i> .	- 4	- 4 . C	•
≥ 2500 ≥ 2000		4	94.5	44. 67.0	97.0	5.	6-5 7	5		57.1	97.1	4 / 1	- 1	5. T. 1	77.	•
≥ 1800 ≥ 1500		7.	~ 7 . u	27,5	07.6 09.3	9.3	97.0		77.6	97.t	97.6 39.4	77.6 34.4		57.6	, 7 . 5	2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
≥ 1200 ≥ 1000		,	\$ 1.7 \$ 0.4	70.5	22.5	9.6	97.6	2.7	19.7	77 7	77.7 29.4	09.7	50 . 2	79.5	16.1	
≥ 900 ≥ 800			90.4	-9.5	09.7	9.7 9.7	ធ្វ ា ខេត្ត	ე ວ. ∵9•€	3 .	99 S	ପ୍ରପ ୍ ନ ଜୁନ୍ଦ୍ର '	90.0 99.0	20.0 20.0	65	99.3 130.0	
≥ 700 ≥ 600		• • •	97.4	7.6	99.7 30.7	9.7	99.è	09.5	30°C	39.0	90.3	49.9 99.9	ian•n D•C	100.L	5.0ul	
≥ 500 ≥ 400			90.4 90.0	22.6	00.7	19.7	\$9.8 9 0. 8	. 0 . 3 1 9 . 3	93.5 93.6	99.5	99.9 99.0	79.7		1000 1000	00 0 00 0	
≥ 300 ≥ 200		2.1	29.4 0	69.6 6.6	y9.7 ₹.7	9.7	79.2 00.2	79.8 19.3	99.C.	99.9 99.9	99.9	99.9		10.1 30.1	120.0	
≥ 100 ≥ 0			9 . 4	7.6	45.7	9.7	γη. 99. μ	49.1	33.6	90.9	30.3	30°0	3 1.5 100.0	193. 198.5	107.0 20.0	

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¼	≥ %	≥ %	≥ 5/16	_ ≥ .	≥ 0
NO CEILING		• -	17 . 44	. 50 . 4		-0,4	30.4	٤ , ٠	, ia	* 7 1	£"	£ is		- , h		٠.
≥ 20000			5 .	11. A	* (100	96.	20		9.	57.		••	6 E .		·
≥ 18000 ≥ 16000		•	31.0	28.9 71.89	74. 30.	ე. გ. ე. ენ. ქ	1 to 1	6 g 1	e ta • t Tuzi• t	e 15 • 5	36 . s	46.	, , , s	~(•		
≥ 14000 ≥ 12000	·	f	A S	[0.44] 4		n • 1	1.6.4	1 a 2	4 2 6	25.	1.7.	f 6	74.	# 6 • *		
≥ 10000 ≥ 9000		•	, , , , ,	, ,		7.3		C • 3			10.3	• 5	•			-
≥ 8000 ≥ 7000		1.	, ,		31.6 27.7	1.	1	1.6	71.0		1.7	1.0	1.1	1 • -		
≥ 6000 > 5000				(• 3	7	7.2	77.5 72.3			<u> </u>	2.1					:
≥ 4500 ≥ 4000		-	•	• •	٠. ١		· ? • 6	2.3				. ;	7.4		,	
≥ 3500 ≥ 3000		2.			17.6	2 • •	17.6	7.6	. f.		6					
≥ 2500 ≥ 2000		•	3 , 5	2.	# 12 · 3	?	4		-2.0°	0.	37.6	* 3	1	74.5		'
≥ 1800 ≥ 1500		7.7		. 1	7.5	5 . E	, ,	. 7	7	75 • 1	5 . 7	3.03	7			
≥ 1200 ≥ 1000		• .	0 7	7	6	8.7	77		.,.		1000	9				
≥ 900 ≥ 800			9 . 7	2.7		9.4	^, 1				<i>i</i> •7					
≥ 700 ≥ 600				. 7	22.4	9.	107.0 100.0						., -	<u> </u>	· · · · · ·	
≥ 500 ≥ 400		•	7 7	. 7	30 00 4	9.4		: : : :	12.0 140.0				0.00	•		
≥ 300 ≥ 200		• 1	3 . 7	. 7	9 6 99 6	Ŷ.,		1 2 6		50.0 10.0			77.5	00.0 00.0		77.7 33.
≥ 100 > 0		1	3 . 4	. 7	19.00	9	3.1			100.C	·	12 0. 0			00.0	0.

TOTAL	MUMBER	OF OR	SERVATIO	INS.	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	1						VI	SIBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000		•	7	7	7.7.0	3.5	77.6	7	77.0	7.0	7.7.5	72.65 23.45	77.5	7.7.	7 : . :	7
≥ 18000 ≥ 16000			• 6		43.0	3.4	12.f	1.0		1 t . h	37.0	63.5 21.6	7.6		< 3. ·	
≥ 14000 ≥ 12000				1 a 6	: ° , 6,	3 . s.	73.8 25.3	·*•6	ر د ر د و د و	/ 3 • 6 5 > • 4	e 7 . t	7. 7 . 5.	43.6	18 5 a 1	, ÷ , ∧	. , , .
≥ 10000 ≥ 9000		7	5 . 7 2 . 4	Ψ	97.7	3.1	77.7 2.1	37.7	57.7	9.7.7	27.7 23.1	57.7	67.7	.7.7	87.7 EB.1	6 6 a
≥ 8000 ≥ 7000		1.	7 () 1 2 7	1.5	1.	1.	91.0 91.3	1.1	91.0 91.3	1.7	91.5	71.3	1.7	1.	1.7	1.
≥ 6000 ≥ 5000		l •	7.4 °	1.9	71.7	1.	01.4 51.5	71.9 31.9	91.0 91.0	71.4	91.3	91.0 91.0	01.0	71.	01.5 91.9	71. -1.
≥ 4500 ≥ 4000		1.	*1.4 71.1	11.5 12.3	91.7	1 · · · · · · · · · · · · · · · · · · ·	51.5 52.3	21.0 2.3	11.5	27.3	51.3	51.9 32.3	71.7	91., 22.3	91.	
≥ 3500 ≥ 3000	L	: • ·		5 \ 4 B	22.3 22.3	12 a 3 2 a 3	97.1 52.3	2.3	1	92.3	۱:.۲ د منند	97.1 52.3	/	53.3 32.7	+2.3	1
≥ 2500 ≥ 2000			3	7.6 10.4	92.6 26.1	6.1	500 5 11	3.6 5.1	02.4F	7.6	47.4 16.1	52.5 55.1	7.6	52.6 16.1		دود : هاوند :
≥ 1800 ≥ 1500			49.49 9.44	77.1	77.1	7.1 9.	27.1 90.	17.1	; • <u>.</u>	71.1;	17.1 13.	9 . 1 50	7.1	67.1	97.1	ڊهين. سهنگند،
≥ 1200 ≥ 1000			7 .7	76.4 5.7	1.0	9.6 '5.7	59.4	7.9	10.u	79 . u	49.4	19.4 100.0	7.6	77.4	50.1	· • . ·
≥ 900 ≥ 800	ļ. <u></u>	\ 	. 7	7.7.7	7	9.7	99.7			17 je 1 je	100.0 200.0	17 3.0 168.0	1 10.0	170.0	157.3	l
≥ 700 ≥ 600		6 • 1	, , ,	, 7	7	9.7	1.2.4		1 (ປ•ງ 178•ງ		107.0	102.0	1 7 . 7	T	100.0 100.0	:
≥ 500 ≥ 400		• 1	, , , 7	y . 7	;0.7 ;9.7	9.7 9.7	30.7	9.9 <u>.0</u>	1 01 00	190.5	105.7	100.0		1 40 • 0.	100.0	lû be. Lûdel
≥ 300 ≥ 200	 	f • 1 F • 1	97	.7	55.7	-9.7	20.7		100.7 11.5	17.00 12.00	lur.b igr.n		1 7 - 0 1 20 - 0	100.0	10.0	197. 193.1
≥ 100 ≥ 0			9 .7	5.7	10.7	9.7	49.7		L	182.0 188.4	.00.a	190.0 190.0	1.0.5 100.5		100.0	107.0 Lag2

TOTAL	MUMBER	OF OBSE	PATIONS		•

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	- -					-	۸I	SIBILITY (ST	ATUTE MIL	LES)			-			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		***	5	7 . S.	55.7	-0	56.3	50 B	5, 6, 6 °	\$6.0 80.7	85.7	56.5 60.7	• 6 • 6 • 0 • 7	٠.,	E & ,	1.1 -
≥ 18000 ≥ 16000		. 7	7	A .7	2 .7	7		£13.7	22.7	95.7	87.7	90.7	45.7	37.7 8(.7	3n 7	C 7
≥ 14000 ≥ 12000			1.3	9	51.7	1.3	11.3	1.3	11.7	3.5	01.3	21.7	1.5	1.3	. 2	1.,
≥ 10000 ≥ 9000	<u></u>		7	2 - 1 5 - 7	57.7	-6-1	24.1	6 . 3 27 . 7	67.1	85.1	86.1 67.7	67.7	7.7	36.1	46.1 27.7	
≥ 8000 ≥ 7000		1.	9.0	11.0	71.6	3.2	21.6	3.2	91.5 93.2	51.6	91.6 : 4.0	*1.6	1.6	21.6 53.2	21.6 27.2	! •
≥ 6000 ≥ 5000		3.		6 . 2 6 4 . 3	74.7	4.3	94.3	54.2 74.8	94.7	94.2 94.7	96.3 96.5	94.3	74.2	94.9 94.6	54.5	
≥ 4500 ≥ 4000		# • ** 4 • **	4.	5 	94.7	9 4. 8	94.3	94.9 94.5	94 e	24.1	٠ د ي د	94.3	94.5 54.5	94.5	08.5 94.5	
≥ 3500 ≥ 3000		4.7	7 ?	94.e	99.2	56.7	94.3	74.0 75.2	45.7	94.5	95.2	44.3	94.5	4.β ₹ %•2	94.2	٠.,
≥ 2500 ≥ 2000		L.	45.5	5: . ? 4: . s	95.2	5.2 45.4	95.2 95.6	-3•2 35•3	95.6	75.2 95.7	05.2 95.2	95.2	25.2 25.8	75.6 75.6	55.2	
≥ 1800 ≥ 1500		6. 6. 1 7 6 1	901 901	4	97.1	7.1	97.1	7.1	97.1	71.1	97.1	77.1 24.4	67.1 76.4	7.1	97.1 28.4	57.1 7.5
≥ 1200 ≥ 1000		7.1	9 . 4 0 . 4	57.7 99.7	35.7 48.7	5.7 8.7	98.7	8.7	7 6.7	99.00 99.00	ଜନ ୍ ତ	79.0 0.0	3.2	19.1 19.1	90.E	.u
≥ 900 ≥ 800		*• i	9 . 0	7 . 7	48.7 39.5	8.7	93.7	38.7.	ं र ५० ० १००	97.	33.0	39.5 9.4	. o . g	۲,		100.0
≥ 700 ≥ 600		7.1	97.4		39.€0	9 .	99.5	.0.	٠ . 	79.4	90.4 95.4	99.4 59.4	C Q . 4	59.4	: 3 1 5.1	190.0 150.0
≥ 500 ≥ 400		7.1	91.4	99.0 97.0	3.00	9.0	97.0	00.0 09.0		49.4	ي 0 و 0 و	99.4	50.4 29.4	99.4 99.4	0.0	178. 170.s
≥ 300 ≥ 200		7	7 .4	90. 90.	95.0 39.7	9.0	7.0 27.0	9.0 9.0	/9.5 7.00	77.4	99.4	75.4	17 . 4 10 . 4	29.4	0 0 0 0	
≥ 100 ≥ 0		7.1	9 , 4	^0,	79.	9.	99.5	90. 900	6.4.0 0.0	79 . 4 97 . 4	70.4 59.4	9.4	77.4 79.6	99.4	180.5	100.0 165.5

TAL MIMBER OF ORCEDVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000			21	1.4	17.0	'7.·	67.4. 81.4	1.0	57.4	57.4	57.4	57.4	1 . R	77.4	57.4	*
≥ 18000 ≥ 16000			31.7	1.3	11.7	1.3	:1.5	1.5	l • "	51.5	91.3	1.3	1.5	1.	1.	1.
≥ 14000 ≥ 12000			3. 6	1.3	1 1 • 5	1.3	31.3 32.5	1.3	1.3	21.5	:1.3 :3.5	61.3	22.5	1.	1.	1.
≥ 10000 ≥ 9000		5 e .	20.5	-5.5 36.5	15.5 85.€	5 . 5 6 . 3	3 6 . 5	5 - 5 - 6 - 5	्ध _् र १६ ६	8 4 . 5 5 3 . 5	6 5 4 4 2 5 4 5	85.5 36.5	.5.5	35 g C	86.5	31.
≥ 8000 ≥ 7000		1 • // 2 • 3	91.0	01.9	1.	1.5	91.	01.9 02.9	91.5 92.5	93.7	91.9 32.9	91.9	41.7	71.	91.9 22.5	11.
≥ 4000 ≥ 5000		. • 3 . • 9	∜ `• 5 4 ₹ • 5	57.9 53.6	3 ° 6	3.6	77.6	02.4 33.6	92.6 37.6	5 . 4 3 . 4	3 5 3 7 6 7	92.9 3.6	7.00	્ર. કેક્સ	v	•
≥ 4500 ≥ 4000		2.	97.5 97.6	5 je t	7 7 a f		93.6 93.6	-3.6 -3.6	7 . 6 3 . 6	0 y . 5	07.6 07.6	36 33.6	57.6 57.6	3.6	5 3 4 5 3 4	
≥ 3500 ≥ 3000		2.6	01.0	13.6	३°•8 ५३•०	∵ 3. 6.	93.0 93.5	7.6	. * . K. 9 % . C	9 4 . 6 9 3 . 5	7. g	33.6 53.9	13 et	93.0	. 1	3
≥ 2500 ≥ 2000		4 . 3	ं कुर इंट्रेड	77.9	93.0 95.5	2 3. 0. 25.3	93.0 95.5	⊍3.c 35.5	93.9 95.8	93.4 98.3	73.7	93.4 75.5	50.9 35.5	73.5 55.5	5 8 . 3 3 5 . 3	
≥ 1800 ≥ 1500			97.4	97.4	- 1	95 • 6 5 7 • 4	5.5 57.4	35.8	95.8 97.7	95.5 73.1	95.4	\$5.8 \$6.1	,, ,	75.0	0°.1 38.]	31,8 <u>61,8</u>
≥ 1200 ≥ 1000		ۥ1	90.7	26 • 1 2 • 7	99.	9 ·	ପ୍ର _କ ୍ଷ	- 6 . 4 - 9 . 7	9 % . 8	5 7	95.7 108.8	9 1.7 10 1.0	.3.7 !	94.7 193.8	24.7 100.0	
≥ 900 ≥ 800		5.	9 . 7	18.7	- 1	9.5	30.4	79.7	79.7	· • • • •	100.a 188.a		1	14. •3 130•3	100.5 113.5	153. 156.
≥ 700 ≥ 600		5.	97	0 7 0 7	20.0	9 • t) 9 • t	ଦ୍ୟ . ଧ	79.7	39.7 49.7		157.0 100.0		100.0	F ' - ' ' '	100.0	130.
≥ 500 ≥ 400		3 • ^	98.7	51.7	34.4	9.0	94.4	99.7		100.0 100.0		130.0 100.2		F	130.0 130.0	177.0
≥ 300 ≥ 200		6 ·	91.7	78.7 58.7	99. °	9.	99.4	^9•7 <9.7	_	100.0			-) 0.5 150.5
≥ 100 ≥ 0		6.	9:.7	78.7	99.	9	99.4 99.4	00.7 00.7	600					_	100.0	-

TOTAL NUMBER	OF	OBSERVATIONS		

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)				-		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ५	≥ 0
NO CEILING ≥ 20000		•	2.	1.2.3	3	1.3	3 • 3 80 • 7	1.3)] • [†] 9 Ö• [™]	1.5 Busi	11.3 80.7	53.3	1.3	1.7	1.	, ,
≥ 18000 ≥ 16000		• .	51.	71.3	61.0	1.5	81. F1.3	1.3	1.	1.3	1.0	*1.0	11.0	11.7	1.0	-1.
≥ 14000 ≥ 12000		1.	. 1 • ₹	11.6	~1.6 63.7	3.4	61.0	41.5	1.f	* 1 • 5	51.6 63.9	1.6	11.5	:1.	1.5	1.
≥ 10000 ≥ 9000		b.	5.7.4 ≥7.4	- 7.7 - 7.7	37.7	7.7 27.7	97.7 87.7	7.7	57.7 57.7	87.7 87.7	57.7	87.7	47.7	67.7	87.7	4 . 7 4 . 7
≥ 8000 ≥ 7000		1.	1.0	() () () () ()	7.3	11 2	07.7	73.6	42.3 23.6	72.4	\$7.3 01.8	93.3 3 <u>3.</u> 6	* *	02.3	57.7 53.1	
≥ 6000 ≥ 5000		, ,	7	3.6	\$. \$ 2 . \$	3. , 3. a	93.) 61. 9	7 . 4 23 . 5	73. 87.4	93.9 91.4	y 7.5	* 3.0	73.4 97.4	73.7	5	
≥ 4500 ≥ 4000				21.6	63.0 94.7	3.7	97.5 94.5	23.4	73.7	43.7	23.4 34.2	93.9 54.2	71.3	9 % 6 4 6 7	64.7	५ २५ .
≥ 3500 ≥ 3000		7.0	3.06	9	2 . C	4.2	94.7 44.2	14.2	4 4	74 , 2	94.7 94.7	94.2	-4.7	14.2 24.2	94.5	0 a , 1
≥ 2500 ≥ 2000		3	lg to y is en	94.2 95.2	9 G .	4 5 5 6	94.5	55.5	74.5	74.5 75.5	5 to 5	94.5 95.5	74 . E	05.5	94.5.	14.5 1
≥ 1800 ≥ 1500		4 . 5 . 5	94.7 97.1	96.1 97.1	76.0 76.7	6 . T	96.5	18.7	96.5 92.7	76.5	96.5 90.5	2.7	71.5 7.5	76.5	96.5 99.3	6 k
≥ 1200 ≥ 1000			y * • 7	ि?. ा द०.	99.4	9.4	39.4	99.4	09.4	99.7 1 0.5	79.7 (•00)		.0.7 120.0	190.0	59.7 100.3	
≥ 900 ≥ 800		501	7 • 1 9 • 1	79.0		79.7	99.7	29.7	99.7 99.7	1 / 3 . 5 1 / 0 . 5	100.0 100.0	100.J	100.0	100.0	100 100.2	
≥ 700 ≥ 600		6 • 5 6 • 5	7 1	44°C	7.7	9.7	99.7	9.7	99.7 69.7	1 0 . 3 1 0 0 . E	105.0		• .	100.6 100.6	100.3	196. 196.1
≥ 500 ≥ 400		6.5	95.1	ς φ	99.7	9.7	99.7	79.7	4 g . 7	1	180.0 180.0	100.0	0.02		100.0 100.0	Γ
≥ 300 ≥ 200		16.5	9 a . 1	0 G	99.7 99.7	9.7	99.7	9.7	99.7	193.0 1.0.5	100.0	100 .0	100.0	100.6 100.6	100.0	100.0 00.0
≥ 100 ≥ 0		6.05	97.1	94.7	99.7	9.7	99.7	79.7	59.7 99.7		0.00			100.0 100.0		

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					_		VIS	IBILITY (ST	ATUTE MIL	.ES)	· · 					
(FEET)	≥ 10	≥ 4	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ 4	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000			: 1.5	1.0	54.0	.1.3	14.7	11.5	21.5	54.2	54.5	54.2	14.2	14.2 E1.9	54.2 31.9	C4,
≥ 18000 ≥ 14000		100	11.9	2.3 22.3	9	2.1	12.3	12.3	62.3	6.2 s	82.3	32.3 67.3	42.3	92.3	52.3 82.5	
≥ 14000 ≥ 12000		 	N (. 5	17.2 5.6	33.3 36.6	3 • .' 6 • .	°₹.2 96.6	3.2	43.7 66.3	33.2	57.2 86.8	63.2 56.3	20.2	57.2 86.5	13.2 26.5	:.ن: د.خت
≥ 10000 ≥ 9000		. 7	91.7 21.0	1.3	71.7	1.7	71.3	1.3	91.3 91.3	71.3 71.3	91.3	91.3 91.3	91.1 91.1	71.3 41.3	01.3	11.
≥ 8000 ≥ 7000			9 • ? 5 • • 8	٠, ٤	04. °	9 . 5 5 . 2	94.5 25.2	94.5	94.5 55.7	74.5 75.4	94.5 55.2	94.5	74 . T	54.5 55.2	98.5	5
≥ 6000 ≥ 5000			त्यु ⊒ क्षां कुर्	21.2	75.2 95.2	5.2 5.2	95.2 95.7	5 · 2 5 · 2	5.7 5.2	95.2	95.2 95.2	95.2 95.2	75.2 55.2	75.2 25.2	95.2 95.2	
≥ 4500 ≥ 4000		4.	94.5	71 . 2 31 . 5	53.6€ 95.5	5 • .* ,5 • ¢	95.5	35.2 25.5	75.7 cs.5	95.7 95.5	95.5	95.2 95.5	5.3 -5.5	75.0 95.5	95.2 65.5	7.0
≥ 3500 ≥ 3000		4. 7	95.7	s	95.5	35.5 25.5	5 E . E	75.5	55.5 65.5	95.5	95.5	95.5 95.5	95.5 95.5	95.5 45.5	95.5	2.6
≥ 2500 ≥ 2000		7.1	97.4	76.1 57.7	√6.1 57.7	5 · 1	9n.1	6.1 27.7	26.1 97.7	76 . i	75.1 77.7	46.1 47.7	96.1	96.1 97.7	97.7	75.1
≥ 1800 ≥ 1500		7.4 8.5	97.7	93.1 59.0	90.1 39.7	9.	.9.1 00.5	96.1 99.0	90 .1	99.1	97.1 99.7	78.1 99.0	69.7	98.1	75.1	5 - 1 ee
≥ 1200 ≥ 1000			99. 90.4	9.4 9.7	20.4	9.4	99.4	9.4	39.4	79.4	49.4	9.4 79.7	00.7 159.0	19.7	100.0	99.7 153.1
≥ 900 ≥ 800		100	\$5.4 \$.4	19.7	99.7	9.7	99.7	19.7	96.7	79.7	99.7	99.7	10.0	100.5	100.0	las.c Nec.t
≥ 700 ≥ 600		7.	95.4	~ 9.7 ~ 7.7	29.7	9.7	99.7	9.7	19.7	94.7	99.7	79.7 99.7		00.0		100
≥ 500 ≥ 400		Ç.	90 g 4	27.7	99.7	9.7	99.7	79.7	79.7	79.7	29.7	39.7 29.7	100.0		100.0	-
≥ 300 ≥ 200		9 . J	00 g & ⊕^ g &	·9.7	99.7	9.7	99.7	59.7	99.7	99.7	95.7	99.7	1 20 • C	Γ	100.0	
≥ 100 ≥ 0		9	97.4	69.7	79.7	9.7	44.7	9.7	99.7	45.7	59.7	99.7		r	120.0	

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

WOURS 44 S T 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 6 ≥ 2% ≥ 10 ≥ 5 ≥ 4 ≥ 1% ≥ 1% ≥ 5/16 ≥ 0 NO CEILING · C • Ng. 23.7 50.7 5 .7 ≥ 20000 :1. : I • 1. 11.0 1.0 61.0 110 V 1 . () :1.0 01.0 51.0 31. c 1 . 1.0 32.3 F. . 3 ≥ 14000 ≥ 12000 320 2. 7.3 2207 97.4 97.4 37.0 89.0 87.4 7.4 F7.8 57.4 87.4 ≥ 10000 ≥ 9000 87.5 E7.4 92.0 9:00 22.0 27.6 33.0 32.9 ¥2.9 25.0 -1.7 · 77. 8000 7000 93.4 23.9 93.0 93.9 4 t. 9 . 7. 4 3.9 91. 43.9 93.9 23.4 ≥ 6000 ≥ 5000 94.2 04.2 44.2 4.7 94.3 94.2 54.2 44.7 G-45 . 94.2 34. 34.2 94.2 4500 4000 94. 9. . . 94.3 94.0 74 . 94. 24.3 44. 7 G 84 . 1 94. 36. Ü₽, 944 -u . e 34.6 94. 94.7 74.3 94.8 94. 3500 3000 94.0 54.5 94.0 24.5 04.0 44.5 74.5 25.2 ≥ 2500 ≥ 2000 5 . 2 5.2 98.0 15.5 95.5 57.08 1800 1500 57.1 07.1 · 7 . 1 7.1 97.1 56.3 27.1 07.1 18.1 9 - 1 90.1 8.1 44.3 · • 1 1200 74. 4.0 90.4 9. 94. 9. 98.1 1.7.4 94.4 F9.4 99.7 79.7 99.4 49.7 49.7 49.7 90.7 49.7 44.7 9.4 3.4 99.7 64.7 99.7 99.7 94.7 09.7 39.7 39.7 39.7 39.7 99.4 29.7 +9.7 29.7 95.7 99.7 78.7 9.4 99.7 19.4 99.7 ... 10.7 29.7 05.7 79. 90.7 99.7 : 07.01.00.01.07.01 99.7 7 . 4 97.7 9.4 300 200 C 9 . 4 s. thun ahon ahon a 0-.7 9.4 19.7 79.7 99.7 49.7 34.7 : 22.0100.0160.0 79.4 \$9.7 99.7

					. 1	
TOTAL	NUMBER	Qr.	OBSERVATIONS			

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	181LITY (\$7	ATUTE MIL	.ES)						
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		: \$, }	ε 1 • Α ε 7 • 1	4, C + 5	6 C . S	7.1	6 . 6 5 7 • 3	65.8 67.1	45.5	65.9	6° . 3	55.8	65.5	62.7	25.0	a •
≥ 18000 ≥ 16000		7.1	67.1	7.1	57.1 37.1	7 • 1 7 • 1	87.1 57.1	7.1	57.1	9/.1 8/.1	37.1	5 7 . 1 E 7 . 1	27.1	27.1	67.1 67.1	2.7
≥ 14000 ≥ 12000		7.1	8 ° • 3 5 ° • 4	7.1	27.1 27.4	7.1	87.1 57.4	.7.1 £7.4	7.1	67.1 57.4	67.1	67.1 E7.4	: 7 a]	87.1 87.5	67.1 £7.4	7.
≥ 10000 ≥ 9000		7 7 7 1:	3 - 3 8 - 3	₹0.5 \$4.4	80.7 87.4	9.0 57.4	対すると	47.U 39.4	3 C	90.4	ر در و در م	89.4	97.5 89.4	89.4	₽9. 54	i a
≥ 8000 ≥ 7000		₹ , 7	,,?	-5.2 -3.9		3.8	7. C	23.9	10 10 10 10 10	23.7	33.2 93.0	93.2	93.7	33.3	43.2 43.9	•
≥ 6000 ≥ 5000		200	94.7	74.7	્ય . ? ૩૫ . દ	14 . 2	7 83 8 8 9 9	67 45 48 45 77	94.5	94.2 94.5	94.2 94.5	94.2 74.5	\$4.2 54.5	04.2	94.7 94.5	
≥ 4500 ≥ 4000		4.5	34 \$	36.5 04.3	94 9 94 9	94.5	98 . s.	74.5	9 A	94.5	74.5	94.5 94.9	94.5	94.5	94	91
≥ 3500 ≥ 3000		4.5	44.5	74.8	04.5 94.6	94 . 8. 94 . 5	94.4 94.6	94.3 94.8	94.8 94.8	94.8	94.5	94.2	94.8	94.3	94.8	94. 94.
≥ 2500 ≥ 2000		75.	9.05	94.8 76.1	94.5	74.6	94.8 76al	Ga. S	94.9 26.al	9 4 , 5 5 6 1	94.3	94.4	ец.я "6.1	56.1	94.5 56.1	94.
≥ 1800 ≥ 1500		7.7	96.4	75.5 95.7	76.5	76 • 5 /B • 7	96.5	24. • S	5.5 98.7	56.5 58.7	96.5	96.5	56.5	96.5 28.7		ωξ 9
≥ 1200 ≥ 1000		8 . 4 8 . 7	94. 97.4	99.7 1.0.0	99.7	19.7	99.7 170.0	70.7	99.7 166.7	99.7	99.7	•		' ¥.7		49. 125.
≥ 900 ≥ 800		7.07	- 1	100.0	100.0		1 50.0 100.0			170.6 160.6					101.0	
≥ 700 ≥ 600		3.7		150.0 100.0	103.0 199.0					130.n 150.0			-	F		
≥ 500 ≥ 400		7 . 7	90.4							136.8 130.3						100.0 100.0
≥ 300 ≥ 200		-5.7	97.4] [.0] [.0	100.0 191.0					100.0					160.0	
≥ 100		·8.7	99.6		100.0					100.0						

TOTAL NUMBER	OF	OBSERVATIONS		1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (PEET) ≥ 10 ≥ % ≥ 6 ≥ 5 ≥ 4 ≥ 1% ≥ 5/16 59. NO CEILING 9. 50. 4 G . / ≥ 20000 ¥ . c 2. ≥ 18000 ≥ 16000 · ... 43.4 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 77.4 2.4 ≥ 8000 ≥ 7000 C.7. 94. 34.4 ≥ 2500 ≥ 2000 05.5 95.5 >6 . ₹ ≥ 1800 ≥ 1500 7 2 . 4 GP.A 39.0 3: . 76.8 \$9.4 77.6 99.6 99.4 77.8 09.7 99.6 79.7 39.6 30.7 9 . . 7 49.7 99.8 40.9 99.0 97.9 49.91

TOTAL	NUMBER	OF	OBSERVATIONS	741

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	iBILITY (ST	ATUTE MIL	LES)						
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		6.	ė .	9 C	40. 36.	19.1 "5.1	7.5 66.8	4,4.5 46.1	60.0	€ ° • 0 6 • • 0	55.0 6£.0	#5.0 86.0	1	67. 35.6	60.	
≥ 18000 ≥ 16000		£	8 × • 3	. 3	30. T	5.7	36.3	46.3	44.3 61.3	85.3 85.3	6.03	85.3 66.3	F . 3		86.3	5.
≥ 14000 ≥ 12000		7.	47	7.	: 7 . 7	7.3	. 7 . 1 7 . 3	7.	7.7	87.2	87.3	67.3	97.5	+7.5	67.	
≥ 10000 ≥ 9000		1.	91.C	1).5 1.5	71.0	1.6	91.0 91.0	1.0	1.	71.	91.1 21.0	91.	1.5	%1.	91.	~i.
≥ 8000 ≥ 7000			i, 3	(• 3 	-3.3 24.3	3.3 14.3	5 v. 5	7.5	7 . T	42.3	45.3 34.3	75.3	7 . 7	73.7 74.5	73.1	* * * *
≥ 6000 ≥ 5000		и _в 3	4μ.3 Ση.3	54.3	34.3	4 . 3 4 . 3	94.5	`4.3	4.3	9.03	54.3 54.3	34.3	74.3	64.3 64.3	4.3	
≥ 4500 ≥ 4000		4.7	34.3	4 . 3	94.7	4.7	94.7	14.3	24.7	94.7	94.3 94.7	74.3	.4.7	34.7	94.3	:4.
≥ 3500 ≥ 3000		6.7 3e.	94.7	14.7	· · · 7	4.7 5.0	74.7	24.7	15 e	94.7	94.7	75.7	134.7	94.7	74.7	5 lg . 7
≥ 2500 ≥ 2000		5.	26.5	೧% • 3 ∿೬•३	95.3 35.0	6.3	95.3	6.3	95.7 95.3	75.3 76.3	36.3	95.3 96.3	35.3	95.3 95.3	25.7	•
≥ 1800 ≥ 1500		9.	95.3	77.5	76.3	4.3	-6.7	19.7	36.7 39.7	36.7 39.1	90.7		35.7	36.7 79.7	39.7	90.7
≥ 1200 ≥ 1000		9.3 	97.7	26.7	99.7	9.7	2.000	1	100.0	10.00		100.0	L		190.0	100.1 104.1
≥ 900 ≥ 800	l	70.7	9).7 67.7	50.7	99.7	9.7	1 C.O	1 0	مور (170.	2000	100.0	220	133.0	100.0	
≥ 700 ≥ 600		9 . 1	97	7.7	99.7	9.7	150.0	178.0			1310.0		00.0	100.0	100.0	179. 100.0
≥ 500 ≥ 400		9 3	3- 7	5.7	70.7	9.7	703.0	170.0		100.0	100.0		100.0	170.0 170.0	130.7	20.0
≥ 300 ≥ 200		9.3	\$7.7 \$7.7	4.7	77.7	9.7	:51.3	100.0	136.3	100.0	100.0	00.0	107.0	70.0	100.0	70.
≥ 100 ≥ 0		9.3	94.7	**•7	99.7	••	1 0.0 1 0.0				0.00					

TOTAL	MILMARCO	OF CASEBYATIO	MS.

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (ST	ATUTE MIL	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21%	≥ 2	≥ 11/4	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		7.7	27.7	5 ? • 7	77.7	73.2	73.3	75.3	73.7	73.3	73.7	2 2 2	7.7	17.7	77.1	
≥ 18000 ≥ 16000		7.7	91.7	87.7 7.7	£ 7 . 7	7.7	37.7 57.7	47.7	C 7 . 7	57.7	67.7	57.7	37.7	47.7	67.7	
≥ 14000 ≥ 12000		£1 # *	31.7	8.7	87.	A . 7	33.3	36.3 80.1	\$ 0 C	ંકુ (કુલ્	37.3	0.3	₽4.¥	68.	48.7	
≥ 10000 ≥ 9000			0:.7	70.7 71.6	31.0	3.7 -1.0	90.7	1.5	-1.	91.07	91.	71.7	91.5	V'.7	27.7	
≥ 8000 ≥ 7000		4.3	>4.7	17.7	9:07	3.7	93.7	77.7 74.7	24.7	7 Y . 7	97.7	13.7	6 T.7	4.3	11.7	
≥ 6000 ≥ 5000		4.7	04.3 64.3	44.3	94.3	4.3	04.3	14 . 2 14 . 3	74.	04.3	74.3	94.3	24.	74.3	4.3	٠.
≥ 4500 ≥ 4000		4.7	34.7	44.3	34.3	4 . ?	94.7	14.2	:4.7	74.7	94.3 94.7	54.7	74.7	04.3 54.7	. 4 . 7	4.
≥ 3500 ≥ 3000		4.7	24.7	-4.7	94.7	4.7	24.7 94.7	54.7	ÿ 4. 7 Lu,7	64.7 64.7	54.7 58.7	44.7	-4.7 -24.7	24.7	54.7 16.7	
≥ 2500 ≥ 2000		7.3	26.3 97.7	·6.3	34.5	6.3	96.3	6.3	17.7	96.1	96.7	96.3	97.7	7.7		
≥ 1800 ≥ 1500		7.7	90.	70.3 19.3	22.4 25.4	9.C	4.0 60.3	99.3	-8.0 9.7	9 0 9 7	98.7 99.7	99.7	47.3	99.	75.7 ce.7	26.
≥ 1200 ≥ 1000		9.	००. र ००. र	39.3	90.3	.3.3	99.7	17.7 19.3	49.7	1 0	135.5 183.5			100.0 100.5	100.0 100.0	, , ,
≥ 900 ≥ 800		30.0	97.3	79.3	30.3	9.3	99.7 99.7	79.7	20°2		190.5 199.5	- 1		170.U	100.0 100.0	100. 100.
≥ 700 ≥ 600		9.	90.3	9.3	30° à	9.3	99.7	29.7	90.7	(* · • · ·)	150.0	•	137.7		100.0 100.7	
≥ 500 ≥ 400		9.	94 3 9 7 3	99.3 90.3	99.3	9.3	99.7	09.7		1 10.0 2000	100-២			F - 1	100.0	
≥ 300 ≥ 200		9.	90.7	74.5 74.5	77.7	19.3	59.7	29.7		100.0				100.0 100.5	:30.0 130.0	
≥ 100 ≥ 0		٧.	97.3	19.3 99.3		(9.3	99.7	19.7		100.0 100.0			-			

TOTAL	MILLARES	A 6	ACESU.	-	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 1%	≥ 1%	≥ ;	≥ ¥	≥ %	≥ %	≥ 5/16	≥ ų	≥ 0
NO CEILING ≥ 20000			0.7	1.3	45.0	0.0	on.; 81.3	1.3	1.7	0.0.0	40.3 81.7	, .°	1.0	7.	1.	1.
≥ 18000 ≥ 16000			53.3 81.7	1.3	31.7	1.3	81.3	147		1.5	1.3	51.3 81.7	:1.3	11.3	-1.	11.
≥ 14000 ≥ 12000		?	61.7 63.7	27.1	81.7 87.7	51.7 53.7	31.7	31.7 27.7	5.5 • T	61.7	51.7 83.7	81.7	71.1 43.7	*1.7	01.7 03.	71. 8
≥ 10000 ≥ 9000			9 . 7	1.5	90.7 21.7	C • 5	9 . 3	1.3	7 - 7 7 2 3	9	7 . K	9 • 3 • 1 • 3		21.1		1.
≥ 8000 ≥ 7000		in . 7	y .C	6.5	95.7 76.5	75.7 6.0	95.7 55.0	75.7	45.7 56.0	25.7 25.0	65.7 96.7	75.7 76.	5.7 5.4.5	55.7	35.7 36.	
≥ 6000 ≥ 5000		1 ,) () ()		96.5	5 · i	6.0 95.3	16.5	შგ•" გ•7	20.5 20.5	45.0 56.3	76.3 76.3	6 g *	76.3		•
≥ 4500 ≥ 4000			00 • 7 5 • 3	16.3	96.7	6.1	96.3	3 3	96.7 95.7	0 0 d	6.3 6.3	96.3 96.3	16.3	6.3	10.3	•
≥ 3500 ≥ 3000		5.5	3×.º 9€.3	16.3	96.3 66.3	5.3	96.3 98.3	0.3 5.3	46. t	70.3	5 A . 7	75.3 76.3	76.3	76.3	٠	•
≥ 2500 ≥ 2000		د, . د د . ع	73.7 71.3	6.3	04.7	6.3	≎6.7	6.3	16.7	95.3 45.7	96.7	96.3	75.7	76.3	26.3 26.7	•
≥ 1800 ≥ 1500		7.7	95.7	· 5 · 7	96.7	6.7	57.C	77.0	97.7	77. 98.7	97.0 98.7	97. 93.7	97.	47.	97.	97. 97.
≥ 1200 ≥ 1000		7.5	95.7	• '	79.7	9.7	9.6	49.0 49.7	99.0 9.3	99.5	99.5	99.3	96.0 98.3	9.3	49.	, . , .
≥ 900 ≥ 800		7.3	9'.7	, ,	57.3	9. 1	99.7	60.7	79.7	59.3 52.7	9.3	79.7	10.3		99.5	ςς.
≥ 700 ≥ 600		7.8	7 . 7	स ् ३५ .६	99.3	10.5	99.7	9.7	99.7	29.7	9.7	09.7	39.7	99.7	99.7	69. 60.
≥ 500 ≥ 400		7.5	7.7	53.0 09.0	23.3	9.3	39.7 99.7	"7.7 =9.7	79.7 99.7	90.7	99.7	49.7		-	139.0 :23.5	
≥ 300 ≥ 200		7 . 5	99.7		9.3	9.3	36.7 40.7	20.7	99.7 99.7	99.7	- }	99.7			1.00.C	
≥ 100 > 0	_	7.2	97		~ 7 . 7		0.7	52.7	÷2.7	19.7	-	-			100.0	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 5	≥ 0
NO CEILING ≥ 20000		•	7	•	7	^ · ?	•	• • •	7 1 9 1 6	4 (•)	5 . 7		7	· ^ ^	•	•
≥ 18000 ≥ 16000			3 . T	. 2	,		1 7	• 1	, 7		•	1	7 . 7		4	
≥ 14000 ≥ 12000		1.	1.7	1.7	71.	1.7	- `.J	11.7	# } • T		1.7	21.7	51.7	21.7	51.	
≥ 10000 ≥ 9000		7,	3 .		13 • (٠. 3.3	5 F . 7	19.3	1 a . 1		و . زوون	1 4 . °		1 3k g	 	
≥ \$000 ≥ 7000		! ! • ! ! - • ?		1	* 3 * 4 * 1	4.5	12.3 14.0	.*.₹ #J	92.3 94.5	74.5	97.3 94.3	10 m ₂ 3		12.2	4	
≥ 6000 ≥ 5000		, , ,	36. 24.	/4 . /4 . "	0.4.€	4.	0 to 1	7 C	0.8 • ™ 2 • • ~	34.0	74.5 14.5	74.1 4.0	0 . T	. b .	4.	
≥ 4500 ≥ 4000				1 4 a 7	94. 94.7	4.7	94.7	· 44 . 7	14 4 4 7	54. 54.7	76.7	4.0		74.7	4 .	· · · ·
≥ 3500 ≥ 3000			9.	14.7 25.0	94.7 95.0	-4.7 5.0	65.0	4.7	74.7	3: .7	5 t . 7		4.7	4.7	. 4 . 7	
≥ 2500 ≥ 2000		% . 7 4 . 7	5.00 55.0	01.1 18.13	0 0 . 7	75.0 6.3	95.0 95.0	-3.0 6.0	95.47 58.40	75. 76.7	26.	•		5.	6.	
≥ 1800 ≥ 1500			27 .7	7.7	75.3	9.3	0.3 07.7	7.7	16.3	36 . <u>3</u>	3	-(• 3 -(• 7	15.3	76.5	. 94.7 (<u>44.</u> 2	
≥ 1200 ≥ 1000		7.7	95.	· 4.3	97.3	9.1	00.T	19.3	. O . 4	37.7	79.7		2.7	79.7	9.7 99.7	
≥ 900 ≥ 800		7.	97.	94.3 94.7	14.7	9.7	99.7	79.3	, ? • * , g • *	69.7	99.7		79.7	29.7 1/0.	; G. 7 . Ú. Ú. ú. ú	
≥ 700 ≥ 600		•	33°U 60°U	7.7	90.7	9.7	99.7	59.7 39.7	70.7	h :		138.9 0.031	ï	1 (0 • (ີ່ພະເ ເມ າ ຄະເ	ļ
≥ 500 ≥ 400		7	37.0	^ c . 7	99.7	9.7	2.7 2.7	9.7	23°1	r	100.3	120.5 120.0	100.5	7.1	::7.7 :70.0	
≥ 300 ≥ 200		7.3	4 C .	70.7		9.7			_		100.0 100.0				100.0	r
≥ 100 ≥ 0		7.5	90.	70.7	19.7	9.7 9.7		19.7	99.7		100.0 200.0				100.0	10 .

LATOT	MUMBER	OF	OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/9	≥ 2	≥ 11%	≥ 1%	≥ 1	≥ 2,	≥ %	≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000			, , ,		7:42	7	7 / 3	: ,	7	7 . 7	70.7	7	7	7.0	•	
≥ 18000 ≥ 16000		7	7 .7	7:.7	74.7	76.7		77.7	7 7	7 7	7 . 7	7.0.7	,	7.07	79.7	- : .
≥ 14000 ≥ 12000			2°•₹	. 3	.1.3	1.	9 7 • 7 9 1 • 3	, 7	1.7			.1.3	, , ,	11.3	. n . 1	
≥ 10000 ≥ 9000			, ,		25.7	:57	A 5	2.7			25.7	45.7	7 . 7	7 5 7	15.7	
≥ 8000 ≥ 7000				1	1 3 a 3	1.7	<0.7 -1.0	1.3	7.00 1.00	/14		7	1.2	7	1	1
≥ 6000 ≥ 5000		• ;	11.7	1.7	11.3	1.7	91. 91.7	1.5	/1 • T		1.7	103	1.7	11.2	1.	
≥ 4500 ≥ 4000		,	1.7	1.7	71.7	••	51.7	1.7	1.7	1.7	11.7	01.7	1.7	107	1.7	·
≥ 3500 ≥ 3000			41.7	1.7	1.7	1 4 4 4	51.7 91.7	1.7	1.7	"1.7 [1.7	11.7	1.7	1.7	^1.7	21.7	
≥ 2500 ≥ 2000				7.7	~?•{ :3•7	2.0 3.7	72.7	2.0	-2.6 3.7	3.7	,	2.07	, , ,	y	17. 12.	
≥ 1800 ≥ 1500			97,	Ch. 7	54.7 77.7	7.3	9.3	7.	97.3	67.7	37.7	97.7	20 • 3 27 • 7	57.7	97.7	
≥ 1290 ≥ 1000		5.7	97.7	35.5	94. 95.7	8.7	9 ° °	91.	3	\$ \$ \$ \$	40.3	50.7	70.7) 73.7 7.3	39.	
≥ 900 ≥ 800		2.	2 . 7	9.1	प्य ूर उठ•ुरू	9.5	99.7 99.7	.9.7	09.7 73.7		156.6	100.1	7.7.	100.0	107.6	123.
≥ 700 ≥ 6 00	L	11 . 1- e	3 . 7	79.3	90°2	9.3 9.1	03.7	79.7	57.7 94.7		100.0	100.0 100.7	117.0	1 . C • .: ^U•U	103.0 103.0)
≥ 500 ≥ 400	 		2 . 7	53.0	00. T		9.7	54.7	00.7	ع مار و	00.0	165.65 100.4	1000 1000		107.7	
≥ 300 ≥ 200			7	C 3 .	30.3	9.3	99.7	10.7	19.7		07.0	105.0		00.0	0.001 2.001	
≥ 100 ≥ 0		و د	, , ,	C G .	स्थान्त्र स्थान्त्र	9.3	77.7	9.7	95.7	2.	195.5 195.5	100.0		1		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

	, ,	•	
STATION	STATION NAME	YEARS	MONTH
	PERCENTAGE FREQU	JENCY OF OCCURRENCE	HOURS IL S.T.
	(FROM HOURI	Y ORSERVATIONS)	MOURS (L S C .

CEILING		VISIBILITY (STATUTE MILES)														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	21%	≥ 11/4	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000		• 7	÷ .		્ર . કે ડે •ે કે	3		• • • • • • • • • • • • • • • • • • • •	7.3		,					:
≥ 18000 ≥ 16000				4.	5 1 g 7	3.3					1.		,	; •		
≥ 14000 ≥ 12000			3 .	"	R • 7	7.	-7.	4.7	4.		7.7	.7.,	,	ų .	7.	
≥ 10000 ≥ 9000			, , ,	1.		1.	1.	1.			1	1.) •	1.	1.	
≥ 8000 ≥ 7000				: .	ų . ³ c . •	u . :	- 4 • 3	4.					٠,٠	••		
≥ 6000 ≥ 5000			, 7		· · · · · · · · · · · · · · · · · · ·	i.	75.7	3,7	,				, , ,			
≥ 4500 ≥ 4000		i.	,				5 E . 7	.7		19.7			•	7	5 . 7 5 . 7	
≥ 3500 ≥ 3000			7, 3 , 1		35. 7 . 44. *		74.3	1.03		.s.;		! 	• 7	91.7 6.		•
≥ 2500 ≥ 2000			,	1.3	• •	7.	11.3 7.1		, 7	2.	· · · · ·	0.0 • 1 • 7 •	•		ь. : 1,	
≥ 1800 ≥ 1500		7.7	, ,	. 7	57.7	9.	"1		.0.1	.,,7	\$7.7 .0.0	. 7 	7.7	7.7	(19.7) (19.4)	•
≥ 1200 ≥ 1000		•	9 .7		43.43	9.1 9.3		7	3.7.	ئ•ادا: ئورۇن	167.3 227.7	166.7 186.5	1	1	· ^ · ^ · /	: : - :
≥ 900 ≥ 800		0.	9 . 7		5 7 . 7 06 . 7	9.3	03.7	7.7	. 5 . 7		155.0 130.0	14.7.5	1-5.0 1-5.0	11: 11: 11: 11: 11: 11: 11: 11: 11: 11:	: ``	! . • ' } <u>•</u>
≥ 700 ≥ 600		, ,	7 . 7	, · ·	15 ± 3 1 5 € ₹		99.7	7.7 7.7	74.7		1	1 (•)			100.5	
≥ 500 ≥ 400	 		7		50.3 64.3	9.7		.9.7	7.7	• •		186•4 169•3			1.27. 1.27.	L
≥ 300 ≥ 200		2.	7 . 7		99.3	9.7	99.7	9.7	.0.	.നന•ന !?u•#	157.5 157.5			0.	7.00.6 1.00.0	
≥ 100 ≥ 0			2 .7		70.7	3 . ? U . ?	79.7	0.7		.50.0 70.0	100.0			100.01 100.01		100. 100.0

TOTAL MILMARE OF OR	CERVATIONS	

. 1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)							VIS	SIBILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ '•	≥ 0
NO CEILING ≥ 20000			7 7	, , 7	; u • 7	74.7	74.7	79.7	74.2	7	54.7 75.7	14.7	7 . 7	74.7	5 t, . ?	72.
≥ 18000 ≥ 16000		7	7 .7	. 7	7 . 7	77.7	75.7	77.7	70	7:07	7' • Y	79.7	77.7	77.1	77.7	7 . 7
≥ 14000 ≥ 12000			. : . 1 • "	• ? • 1 • 7			3	1.7			10.Y	0.3	^ • <u>:</u>	7.		° 1
≥ 10000 ≥ 9000		•			*	7.3	17.3	3	. 7 . 7	7	7.1	7.3	. 3	17 (, 7 .	•
≥ 8000 ≥ 7000				?	``•7	2.7	57.7	/2.7 /*.7		33.7	2.7	12.7 13.7	7	2.7	-7.7	
≥ 6000 ≥ 5000			•	• 7	7 . 7	3.7	* 3 . 7 * • 7	55 , 7	3.7	3,07	43.7	17.7 4.0	- 7	4	65 .7	·
≥ 4500 ≥ 4000			7	4 .	1 ² 33 mg 3		04.9	4 . C	· · ·	4.	ر وادن بروند 2	ેવ∌() (બકુ(?.e.	.4.	" .	, ,
≥ 3500 ≥ 3000		. 7		3	0 . T	u . Y	74.3 74.3	4 . ? 74 . ?	4	14.7	5 E . 7	59.00 24.03		4 .	4.3	
≥ 2500 ≥ 2000			va .	4	* 6 . 5	* • • ·	4.7		7 7	7 4 6 7 7 5	; 4 • 1	4.3	.6.7	- u . !	4.5	
≥ 1800 ≥ 1500		, ,	2 ~ . ↑	7 . 7	; ; , , , ,	7.1	27.7 20.7	57 .7 57 . 5	37.7 .9.0	37.7	; -, ,	57.7 57.	60.	7.7	7,7	19.7 19.1
≥ 1200 ≥ 1000		• ,		7. 7.	10.3	9.3	00.7	9.3	, , , , , , , , , , , , , , , , , , ,	07.4	60.5 65.7	(3.3 (0.7	2.7	30.7	9.7	
≥ 900 ≥ 800			9 .7	• -	79.3 39.3	9.3	74.7	.7.7	3.7	77.	06.7	.9.7 100.0	100.T	19.7	49.7	77.
≥ 700 ≥ 600			9 . 7	90.3 19.3	20 T	, , , ,	1 0.3) (1.6 1.70) (:40°•0 130•0	1 0 00 1 0 0 1	1.00 A		16.00 16.00	195.
≥ 500 ≥ 400		•	. 7	· 3.3	7	9.7	0.035 0.055		1] [[] [] [100.5 166.2	150.0 156.5		100.U	10.0 13.0 13.0	
≥ 300 ≥ 200		•	; , ,	4.3	9.7	7.	3.73.0 3.884			100.0 105.0	167.8 167.8		17.0	1 0.1	70.0 130.0	
≥ 100 ≥ 0		•	7	ं क ्ड उच्च	49.7	3,7	.51.3	100.0			100.0 190.0				100.0	1 2 .

TOTAL	MILIMARE	OR OBSE	PUATIONS		

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) NO CEILING 52.7 64.7 ≥ 20000 C. K . 2 . 4 , ti . 7 64 e 3 44.7 B4 . 7 44.7 44.7 34. 94 ₹, ₺ ā¥. ≥ 14000 ≥ 12000 1 . 3 1.7 1.3 21.3 11.3 91.3 ≥ 10000 ≥ 9000 \$2.3 2.3 02.3 ·2 St . ≥ 8000 ≥ 7000 4.7 14.7 Ça.7 44.7 ..4.7 ≥ 6000 ≥ 5000 -4.7 S4.7 94.7 7.4 94.7 64.7 <u>></u> 4500 4000 95. 95. ≥ 3500 ≥ 3000 99.3 75.3 35,7 95.7 96.3 6 . 3 1800 9.7 39.7 1500 29.31.00.01.10.01.00.01 <u>≥</u> 1200 de de la contra de la contra de cont - s. atea. atea. atea. atea. atea. atea. atea. atea. atea. atea. 900 800 - 4. s) no. mi co. on on. en me. on co. mi co. chec. en ce. ch ាននេះប្រសិក្សា ដែលស្នើបានស្តីបែបនេះប្រជាជនសាស្រីការ៉េប៉ុន្តែក ពេលប្រការប្រសិក្សា បានស្តីបានស្ថិត្ត ទេខនាវ រាជនសាស្រីការការរាម បានការបានស្ថិត្ត ស្តីបានស្តីបានស្តីបានស្តីបានស្តីបានស្តីបានស្តីបានស្តីបានស្តីបានស្ <u>></u> no en en al marche en el carrier .00.0100.01 300 200 Gripp.chen.hico.ch

IATOT	MUMBER	OF OI	LESBUA	TIONS	L .	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000				7	1. V • 7	7.3	62.3 e2.7	7 • 5 2 • 7	62.7 82.7	52.3 82.7		12.3 82.7		62.7 20.7		9 7
≥ 18000 ≥ 16000	_	3.4		1 3 . 3	7 × 1	3.0	52.9	13.9	(2.5	43.0	52.7	62.3 31.0	47.0	32.9	.2.5	
≥ 14000 ≥ 12000		3.	7 7	3.4	- u		47.4 54.7	- 4		93.4 84.7	₽ * . I. E 4 . :	64.7	97.4	23.4	54.	36.1
≥ 10000 ≥ 9000			i		30.4 95.0	9.4	87.4	00.4 0.0	R7.4	20.4		80.4 90.0	40.4 0	95.4 95.5	56.4	n)
≥ 8000 ≥ 7000		,		1,4	57.4 74.1	3 . 4	7 % 4 7 6 1	7 7 6 64 10 0 1	93.4	.4.1	→3.4 04.1	93.4		13.4	₹₹.4 ,#.1	
≥ 6000 ≥ 5000		3	9.1	90.2	14.2 20.4	4.9	94.7 64.4	1 4 . 2 34 . 4	"4.?	34.4 74.4	94.2	94.2 94.4	,4 .? -4 .4	>4 € ¿ ''M ⊕ 4	94.3 .4.6	
≥ 4500 ≥ 4000		f	94.3	4.6	€	4.5	44.4 94.6	ં લુક ''4 • ર	- 4 . 4	94.6	34.4	4 4 4 4 7 4	34 . €	Strate 74 a h		
≥ 3500 ≥ 3000		· 4, • · ·	94.5 94.7	54.8	74.0	14.6 14.6	94.5	94.6	90.8	94.	94.4	94.6	74.8 94.8	₩ .	24.6 94.5	
≥ 2500 ≥ 2000		4 . 5	9 .1		95.7 96.0	5.2 6.	95.2 96.1	16.4	95.2 96.1	95.7	97.2 96.1	95.2 55.1	-5.2 56.1	55 e 1 36 e 1	35.2	
≥ 1800 ≥ 1500		3.3	9.4	65	96.7	6.7	98.9	96.6 96.6	96.2 35.3	96.4	26.5 58.5	96.6 94.9	44.0	96.5 96.9	96.4	ित्र कर इन्दु
≥ 1200 ≥ 1000		7.,	9.00		70.3	9.3	79.4 0.6	39.4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	49.5	\$0.5	99.5	59.5 59.0	99.5 15.3	40.5	900
≥ 900 ≥ 800			97.	40.3	59.6 53.6	9.4	79.7 77.8	1.9.7 199.5	• •		99.9 100.0	99.3 180.3			4.00 0.021	60.
≥ 700 ≥ 600		3.	93.5		99.5	9.5	97.8	99.2 99.8	99.8 99.8		107.0			100.0 100.0	120.0 130.0	77.
≥ 500 ≥ 400		Я В	40.5	5 5 - 3 5 - 5		9.5	99.A 99.8	99.5	99.A	_	100.0	100.8 100.8			160.0 160.0	
≥ 300 ≥ 200		3.1	00°2			13 4) 0 6)	99.2	୨୨.୧ ବ୍ୟ-୧	9 · £		100.0				100.3 100.3	
≥ 100 ≥ 0		8.	94.	90.3		9.5	59.8	00.8			100.0					

TOTAL NUMBER OF	OBSERVATIONS	<u> </u>

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 1%	≥ 114	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING		0.08	71.6	74.5	74.5	76.5	** • *	74.65	76.0	70 +:	7: . 3	76.5	16.5	78.6	76.0	14.
≥ 20000		3.0%	•	1.5	12 7 a E	3.6	£3.5	1506	6301	1300		83.6	17.5	3.5		
≥ 18000 ≥ 16000		3.4	7 . 3	3.6	37.6		67.6 63.6	3.6	33.6	53.6 3.6	6 6	03.6	73.4	63.0	63.6	0 } • • 0 3 • •
≥ 14000		3.	03.5	3,9	53.0		93.0		11 TO	F 3.0	£ 5.0	53.0	11.7.9			
≥ 12000		4 • °	8	P 44 4 2	±4 . 3	t, A	84. ~	56.5	64.0	94.6	8 H . S	8.45	84 . P	34.5	14.	3
≥ 10000		• •	5 . 4	57.4	1. 7 . 14	7.4	£7.4			57.4	ο ° • 4	27.4	57.4	37.4	27.4	F
≥ 9000		7 . *	3 7 . 7	ι · • ?	87,7	37.7	27.7	27.7	67.7	87.7	57.7		47.7	27.7	27.7	3 7 . 1
≥ \$000		1.7	1:04	1 . 3	· 1 • *	-1.2	1.3	11.7	1.*	21.5	11.3	1.2	1.3	91.5	[SI • 2]	11.
≥ 7000			43.7	2	33.2	3. €	53.	32.2	3.7	7.02	97.2	93.2	7.2	73.2	53.3	: ; , ,
≥ 6000		7.0	9 1 . 6		77.6	3.6	23.6		7.6	•	7.5	7.3. t.	17.6		> * · 5	* * * *
≥ 5000		1.	0	13.7	93.0	-3.	91.0		47.º	V E • *	97.0	0 9		3, 9		•
≥ 4500				7 3 4	93.7	/3.0	93.4	63.0	\$ ₹ • ₹	73.0	92.9	93.9	73.7	93.9	,	٠, ١
≥ 4000		• •	44.7	5.2	35.8		75.2		25.2	95.2	U F . 7	73.5	<u> </u>	15.7		· •
≥ 3500 ≥ 3000		• 1	1	75.05		75.5	95.5		45.5	95.	35.5	25.5	35.5	95.1		
		¥ • 1	46.5	78.0 4	95.	-6.5	25.	76.8 116.6	96.0	96.	96.	76.0 76.2	98.6 98.4	16.00	96.4	*:•
≥ 2500 ≥ 2000		t • '			27.4		77.4				37.4	97				
≥ 1800		7 . 4		57.7	77.7		77.7	77.7	7.7	97.7		07.7	7.7			57.3
≥ 1500		0.7	1 . 1	719.6	7.4	9.4	5-7 a		3 3 4	40.4	- 1	. 4	10.4		00.4	ns .
≥ 1200		1/ 0	70.9	.0.7	22.7	9.7	99.7		9.7	39.7		45.7	7.	0.7	77.7	7,
≥ 1000		2.5	21.07		25.4	9.7	99.7	_	9.7	43.7	1	69.7	-	. 7 . 7	79.7	5
≥ 900		9.	30.7	4.7	79.7	9.7	99.7	9.7	79.7	99.7		09.7	10.7	19.7	99.7	~9.
≥ 800		•	50.7	29.7	99.7	9.7	97.7	59.7	9.7	99.7	49.7	94.7	. 7 . 7	79.7	40.7	
≥ 700		9.	100.0	150.0	100.0	10.0	100.0	100.0	100.0		2 JE - 13	100.3	160.7	:00.0		1
≥ 600			01.0				100.0		100.0			140.0		100.0	100.0	17.
≥ 500			L⊍C•□						1		190.0			1(0.)	160.0	
≥ 400			. • "						7		100.0				100.0	
≥ 300		0.	(1		1/-0-0		196.6				130.0					
≥ 200		٠,	· • [7]		100.0				100.7			100.0			100.0	
≥ 100		· E. •	117.				100.0				20.0					
≥ 0		9.	0.00	10.0	I ''• ^	ii 10 • ∷i	# 3C • 7	1 10.3	1 36 a 8	190 G	100.0	100.0	100.0	200.3	100.0	וייננו

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING		VISIBILITY (STATUTE MILES) 0 ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 2½ ≥ 2 ≥ 1½ ≥ 1½ ≥ 1 ≥ ½ ≥ ½ ≥ ½ ≥ 0														
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		• •	74.5 43.5	74.5	74.5	3.2	4.5 23.2	*4.5	14.5	74.5	74.5	74.5	74.5		74.5	70.0
≥ 18000		•	57.7	3.2	23.0	3.2		3.2	53.2		63.2	3.2	13.2		3.7	1.0
≥ 16000			37.	2	77.2	3.2	33.2	77.2	* 3.2	2ءت	33.2	53.3	57.7		:3.:	
≥ 14000 ≥ 12000		3.	37.2 24.2	4.2	83.2	3.2	53.2	3.2	53.2	#3.2 34.2	3.2	34.2	53.2 34.2	23.2	43.2	# } • • •
≥ 10000 ≥ 9000		7.1	67.4	500	26. °	7.4		-A.B	36.4 51.4	£5.a	€6.∂	96.8 87.4	36.8 57.4	25.4 67.4	86.9 27.4	86. ×
≥ 9000	· 	1	31.5	01.0	1.	1.0	21.4	1.9	41.5	Q. 2 . c	65.0	91.5	97.0	71.9	61.6	-1.
≥ 6000		***	47.6	1.6	93.6	3.6	23.€ 23.€	7.00	73.6	23.6	93.6	43.6	3.5 3.6	63.6	7, 7 , 6,	7.1
≥ 5000 ≥ 4500	 -	3.5	97.9		97.0	13.9		73.9	63.0	97.5 95.5	97.0	93.9	3.0	23.00	730 (
≥ 4000		-5•	5001	1	6.1	6.1	96.1	18.1	35.1	96.1	~6.1	5.1	~ 1	150:	76.	<u>** • ; ; </u>
≥ 3500 ≥ 3000		5.1	96.∎7 96.∎5	: 6.5 35.5	94.5		96.5	16.5	55.5	96.5	96.5	96.5	95 .5 36 .6	66.5	96.5	96.5
≥ 2500 ≥ 2000		6.1	97.1	78.5	96.5	.E.S	96.5	07.1	97.1		96.5	96.5	75.5	97.1	96.5	34.5
≥ 1800 ≥ 1500		7.4	97.7	67.7 00.4	27.7	7.7	97.7	7.7	97.7	97.7	97.7	07.7	70.4	97.7	67.7	97.7
≥ 1200 ≥ 1000		9.1		1	100.0	1 2.0	130.0 190.0			100.0		100.0	100.0	100.5	100.0	10: • :
≥ 900 ≥ 800		9.		1 0000	130.3		ខេត្ត		177.5		100.0	100.5	100.0	100.0	100.3	177.
≥ 700		9.7	100.0	100.0		170.0	1 000	1 (0.0	1,70.0	100.5	170.0	150.0	· · · ·	1:3.5	100.0	193.1
≥ 500		C . 7	180.0	[1:0.0	1 .0.0 1 00.0	0.00	1 10.0	100.7	100.0 100.0		100.0		100.0		
≥ 400 ≥ 100			107.0		100.0	1 0.0	103.0				107.0				100.0	177.
≥ 200				100.3			00.0			100.E		102.0				100.5
≥ 100 ≥ 0		7,	•	317.0			190°0							100.0		

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							ViS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 14	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000		5.3	66.1 7:.5	16.1 75.5	86. i	5.0	56.1 75.2	14.1 75.5	75.8		66.1 75.5	55.1 75.6	75.0	75.8		# 5 . * 7 . #
≥ 18000 ≥ 16000		7.7	7.00	75.8	77 .	5.3 75.8	75.9 75.8	75.6 75.6	7: . n	75.5	7 ° 8	7".8	75.8	75.5	75.8	75.0
≥ 14000 ≥ 12000		10.5	77.1	70.41	70.1	76.1	76.1	76.1	76.1	76.1	75.1	75.1	75.1 77.1	76.1		76.1
≥ 10000 ≥ 9000		7	70.7	79.0	70.5 (7.3	79.0	70. 80.0	79.0 10.	77.	95. 60.00	74.0 40.0	79.0	74." 57."	79.1	79.	•
≥ 8000 ≥ 7000		8 .	3 . 7	50.8 50.0		26.8 :0.0	56.5 70.0	36.8 50.0	36.F		85.8 47.0	86.8	96.0 55.0	96.7	86.3	:
≥ 6000 ≥ 5000		7	9 . T	1.6	og.↑ 31.6	3.3 11.6	- 1	3.3 3.1.€	4). *		97.3 51.6	91.5	1.6	~1.6	91.5	· .
≥ 4500 ≥ 4000		1.	91.3 93.5	1.6	73.7	3.9	97.9		91.6	93.9	93.0	91.0 93.9	95.7	-1.6 -3.6	93.7	1.
≥ 3500 ≥ 3000		3.7	94. 7 94. 7	¢3.2	74.7	5.2	94.2 95.2	74.2	29.2	75		94.2 95.2	45.7	44.7		•
≥ 2500 ≥ 2000		i et	25.8	97.1	97.1	7.1	95.3		55.8 57.1	\$7.1		97.1	97.1		4-1	
≥ 1800 ≥ 1500					92.7	7.4	97.4 98.7	98.7	-	98.7	90.7		, 0, 7	54.7	50.7	~,,,
≥ 1200 ≥ 1000		7.1			99.7	9.4		39.7		39.7			1 C . 7		:0.7	****
≥ #00 ≥ #00	ļ 	7.4	99.7		100.0		100.0	170.0	120.7		105.0	110.0		300.0		•
≥ 700 ≥ 400			99.7	173.0		170.5	1 0 n	1	100.0	105.0	100.0	100.7	300.5		130.0	1200
≥ 500 ≥ 400		7.4	99.7	170.0	100.0	1 .0 . C	00.0	170.0	30.0	3 15 . 6	107.0	100.0	175.C	100.3	100.0	100.0
≥ 300 ≥ 200		7.4	97.7	2 .n	100.0	100.5	00.0	100.0	20.0	100.0	00.0	00.0	50.0	5.5	100.0	30.1
≥ 100 ≥ 0			97.7		100.0 100.0	-	-									r

TOTAL NUMBER OF	OSSERVATIONS	_ 1

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	UBILITY (ST	ATUTE MIL	ES)						
(FRET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		* • •	6 . 1	t '+1 7° • 7		75.7	7.1 77	4 1 • 1 7 • • 7	57.1	67.3		57.1 78.7	6 1 74.7	67.1 71.7	1	7 7
≥ 18000 ≥ 16000		7	71	7 : 4		79.4	79.4	79.4	70.4	77.4	75.4	74.4		79.4	79.4	70.0
≥ 14000 ≥ 12000		1.7	7".4 51.5	77.4 73.7		79.4	77.4	20.4	7 7 . 4	7,.4	75.4	75.4	77.4	79.4	1	79
≥ 10000 ≥ 9000		7 . s	34 • F 50 • S	74.3	5.4	4 • ? 5 • 4	24.8 35.5	54 . S	ء يون د د د	u	5 H . F	8#.8 55.5	54 . S	34.3 35.6	64. V	2 4 9 5
≥ 8000 ≥ 7000		7.5.4	9.7	29.1	4	20.1 20.7	39.0 90.7	0 • 3 56 • 7	9 * . h - J • 7	6 2 . . -0 • 7	87.7	89.0 43.7	70.7	89. 70.7	€ 4	ξ.
≥ 6000 ≥ 5000		7	9.7	- • 7 - 2 • 3	22.7	2.3	0°.7	1.	-2.6	91.0 92.6	97.6	1.0	11.0 57.5	23.6	1.7	1.
≥ 4500 ≥ 4000		1.3	97.6 97.6	2.5	57.6 92.5	2.5 2.6	92.6	92.0	37.0 62.5	92.7	97.0	92.9	7 . G	,	97.8	•
≥ 3500 ≥ 3000		1.4	93.2 34.5	93.2 94.5	43.7 44.5	3.2	93.2 94.5	73.6 74.6	93.6 94.5	4 . e.	03.6	93.6 54.8	74.6 74.8	33.6	93.6 94.6	94 . t
≥ 2500 ≥ 2000		7.0	95.8	ი	95.5	-5.5 -6.5	45. °	97.1	95.1 97.1	97.1	95.8	95.2	92.8 77.1	97.1	95	67.
≥ 1800 ≥ 1500		11 · 2	98.8 37.4	96.5 57.7	96.1	75.1	96.9	97.1 58.1	97.1 VH.1	7 . 1	97.1	97.1)7.1 °.1	77.1	97.1	
≥ 1200 ≥ 1000		5.7	97.4 97.7	94.1	3 . 4	- A - 1	98.1 98.4	25.4 28.7	55.4 28.7	45.4 46.7	78.4 58.7	98.4 98.7	7 3 4		30.7	
≥ 900 ≥ 800		5.5	96.4	ς A * Ω Ο 3 * #	43.0	ે ફે•્ક '9•β	99.4	.9. .n.7	39.7	99.	130.7	00. 100.7	195.8		9 9. 149.5	17.
≥ 700 ≥ 600		6.1	A	20.00 20.00 20.00	59.0 -2.0	9.0	99.4	79.7	99.7 99.7	1 (6.0) 100.2	100.0	150.3 169.2	_	r •	100.0	100.5 100.
≥ 500 ≥ 400		bo!	78.4	99.7	33.0	9.J	.Q.4 9₹.4	9.7	9.7		100.0 100.0		57.0	eo.c	0.601 0.001	150.0 10.0
≥ 300 ≥ 200		601	57.4 40.4	49. °	99.	0.0	79.4	9.7	99.7		100.0				100.0	100.0 30.0
≥ 100 ≥ 0		to i	0 - 4	9.	30.	.0	99.4	29.7	99.7				-		00.0	ŧ

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥ 10 ≥ 6 ≥ 5 ≥ 4 ≥ 21/2 ≥ 2 ≥ 1% ≥ 1% ≥ 1 ≥ % ≥ % ≥ 5/16 ≥ 0 NO CHUNG 44. 8.4 . 7 ≥ 20000 77.3 *5 . P 75.5 ≥ 18000 ≥ 16000 75.0 7 L . is 75 . A 75.5 7e . 1 6.1 75.1 70.1 76.1 76.1 ≥ 14000 ≥ 12000 2.0 ≥ 10000 ≥ 9000 39.3 90.0 **9** 9 . " 0.7 70.7 ≥ 6000 ≥ 5000 71.8 31.0 91.0 92.3 22.3 22.7 92.3 9.7.5 2.3 72.3 42.3 2.3 4500 4000 93.7 43.9 43.0 03. 54.2 54.º 04.2 4 . 3 3500 3000 25.2 45.5 35.5 . 5 . 5 75.5 ¥5.5 ≥ 2500 ≥ 2000 97.4 0 . 4 7.4 97.4 \$7.4 97.4 97.4 47.4 97.4 96.1 55.1 9 . 1 9.4 400 3.4 64.4 94.4 79.4 9.4 99.7 99.4 17.7 97.7 19.7 59.7 99.7 69.7 99.7 49.7 . 9.7 99.7 90.4 29.7 29.7 S9.7 99.7 99.7 27.4 49.7 :9.7 70.7 19.7 69.7 57.7 49.7 ≥ 9.4 33.7 39.7 79.7 49.7 99.7 49.7 600 F7.4 97.4 99.7 94.71 0.0115.0100.0100.0100.0100.0100.0 00.7 49.7 . 9 . 4 49.7 .05.0100.0100.0100.0 -9.7 44.4 00.4 99.4 9.7 100. 20.4 79.4 9.4 77.7 9.7 9.7 20.01.02.01.00.01 30.0 7800.0100.0100.0100.0100.0100.0100. 99.7 <u>--chac.oken.okaa.oken.oken.oken</u>

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			VISIBILITY (STATUTE MILES) ≥ 6 ≥ 5 ≥ 4 ≥ 3 ≥ 2½ ≥ 2 ≥ 1½ ≥ 1½ ≥ 1 ≥ ½ ≥ ½ ≥ ½ ≥ 5/16 ≥ ½ ≥ 0													
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000		6.1	67. 77.1	77.1	53.2 77.1	3.2	63.2 77.1	-3.2 -7.1	01.7 77.1	e 3 • 2 77 • 1	63.2 77.1	03.2 77.1	7.7.2 77.1	43.0 77.1	27.2	7,
≥ 18000 ≥ 16000			77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
≥ 14000 ≥ 12000		,	77.7	77.7 77.0	77.7	77.7	77.7	77.7 79.0	77.7	77.7	77.7	77.7	77.7	77.	77.7	77.7
≥ 10000 ≥ 9000		1.0	9.0	ڻ د د	97.4 83.7	92.9 9 3. 9	52.0	· 7 . 4	32.7 83.5	62.5 63.0	1 A	82.9	07.0		€2.7 63.0	
≥ 8000 ≥ 7000			કુ. કું		30.0	0.1 92.3	50.0 52.9		90.5 90.5	97.0	() () () () () () () () () ()	9 1 . i 9 2 . ii		92.0	32.3	
≥ 6000 ≥ 5000		7.2	34.7	17.3 14.8	13.0 94.2	3.7	33.2	3.2	93.7	33.7	91.2	93.7 94.2	1.2	24.	,3.2 14.5	
≥ 4500 ≥ 4000		3.2	0 4 . ° °	4.2	0 4 • 0 9 4 • 0	4.2	94.7	74.8	94.7 94.8	94.7 94.7	94.2	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	61.5	74.5	74.7 74.5	
≥ 3500 ≥ 3000		te e	ପ୍ୟ.୍ଞ ନିର୍ଣ୍ଣ	95.3 96.3	95.5	95.6 95.6	95. 3	75. 7 76. 8	95.5 96.5	95.8 96.8	96.8	9000	95.3 08.8	96.	50.x	-
≥ 2500 ≥ 2000			97.1	97.1 28.7	97.1	07.1	79.7	97.1 98.7	37.1	1 1	97.1	98.7	57.1	97.1	97.1	* * * * * * * * * * * * * * * * * * *
≥ 1800 ≥ 1500		7.9	90.7	50.7	53.5	19.7	96.7	38.7 19.0	95.7 69.0			90.7	0 9 . J	08.7	93.7 CO.	
≥ 1200 ≥ 1000		6.7	1 7 1	100.0	100.7 100.7		150.0 180.0		-	100.0			[170.0 170.0	00.0 100.0	1 0. 10.1•1
≥ 900 ≥ 800		8.7		100.00 100.00	120.0 122.6		100.a 108.0			150.0 150.0			100.0 110.0		100.0	176.U
≥ 700 ≥ 600			100.0 100.0		175.6 199.5					100.0 100.0		[' -			00.0 100.0	[]
≥ 500 ≥ 400		- 1			170.0		100.0 100.0			100.0 100.0	100.0 105.0	100.0		50.0	100.0 100.0	_
≥ 300 ≥ 200		78.7			100.0 100.0		00.00			199.0 199.0			00.00 00.00	100.0		150.0 53.5
≥ 100 ≥ 0		6.7								100.0						

TOTAL NUMBER OF	OBSERVATIONS	
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/9	≥ 2	≥ 11/2	≥ 1¼	≥ 1	≥ 4	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		e . ·	f,	1 4 . 5	86.5 20.5	7 6. 5	66.0 -0.0	7.0 S		56.	50.0	56.5	5.7 • 1. 6 pr • 2	44.5	76.5	4.
≥ 18000 ≥ 16000		•	3 .0	1.17 .3	•	, 1	70.0	7 • 9) • 7				7 . 67	50.7	- ° • ∪	(7.	
≥ 14000 ≥ 12000		l.	1.	i 3		2.3	51. 97.3	1.	1.3	1.	1.0	11.0 FC.3	1 . 3	1.7	1.6	i •
≥ 10000 ≥ 9000				4.7	74.7	4 . 2 5 . 2	94.2 25.2	14.2	54.2 55.2	24.7 25.2	7 4 .	4.5	- u . ?		4 . 7	•
≥ 8000 ≥ 7000		. 7	7	3.2	91 .7 23.2	3.2	90.7 93.0	43.2	, , ,	7	7 .7	9 .7 93.0	. 7	3 , 7	7	
≥ 4000 ≥ 5000		3.	\$ 7.00 \$ 7.00	7 • 0 7 • 9	7.0	3.7 03.9	3.7 9.0	24.2	3.7	4	4 T . T	97.0 43.4	· ' • '	5 f e	3.7 4.7.7	
≥ 4500 ≥ 4000			43.6 94.5	0 t . 0		. 5 · 5	73.5	77.9		74.5	0 T. 94.5	93.y 25.5	77.0 25.5	6.7.3 6.6.5	5 %. . 2 %. 5	
≥ 3500 ≥ 3000		6. 5.	94.2	96.8 95.3	0 0 ×	74 . s.	* * * * * * * * * * * * * * * * * * *	1 7 1			9 M . 2	94.8 95.5	04.5 ec.4	44.	. h .	
≥ 2500 ≥ 2000		*•1	36.5 37.4	76.5 47.4	75.5 97.4	77.4	77.4	7.4	17.4	57.4	76.1 97.4	96.5 97.4		96.5	58.51 97.4	
≥ 1800 ≥ 1500		7 . 4 2 . 13	97.7	70.	97.7 99.0	7.7	97.7	-7.7	97.7	37.7	97.7 97.4	97.7	7.7	57.7	97.7 99.4	7.7
≥ 1200 ≥ 1000		~ • 7	30.4	7 . 4 7 . 4	30 · 4	9.4	90.7 90.7	59.7	3.7 ·3.7	- 1	۰, چې اود ۲۰		190.7		39.7 100.0	 !
≥ 900 ≥ 900		3.7	47.4 97.4	1 3 4 7 0 4	95.4 6.4	0.4	99.7 99.7	1 - 1				100.0 130.0		100.5		
≥ 700 ≥ 400		5.7		.9.4	77.4 57.4	9.4	57.7	;9.7 9.7	99.7	. •		160.3 100.3	, , , ,	00 30	100.0 100.4	100.
≥ 500 ≥ 400		5.7 5.7	·			9.4	99.7			99.7	1 0.0	100.0	100.5 100.5		-	100.0 100.0
≥ 300 ≥ 200		4.7	91.4			9.4		₹9.7 9.7		99.7	107.0 100.0			100.1	100.0	
≥ 100 ≥ 0		1 - '	97.4	43.4		9.4	99.7			39.7 69.7				r		

TOTAL	MAMMER	Q٢	OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	1						AH	181L1TY (ST	ATUTE MIL	.ES)			•			
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000		7.5	7:01	?? • 1 * 4 • ?	77.1	77.1	7 4.1	77.1 4.7	77.1 24.7	77.1 4.2	77.1	77.1	7.1	77.1	27.1	
≥ 18000 ≥ 16000		13.02	*4.2	4.2	34.2	4.2	94.2	u . ?	4.7		14.7	4 . 7	4.7	4.2	4 . 7	
≥ 14000 ≥ 12000		4.0	34.5	-9.5. 5.5	नु ध ्र त्य द	14 , 3	84.7	14 . C	न् य ह इस ह	AN S	04.5	3.64	6.5	14.5	14.6	4.
≥ 10000 ≥ 9000		7.1	? . t	· 7 . 4	57.4	-7.u	27.4	7.4	37.4 31.4	17.4	47.4 €8.4	87.4: 32.4:	. 4	45 4	· 7 . 4	
≥ 8000 ≥ 7000		7.	91.0	77.3	0.3	3.3 3.5	61.7 67	3	07.3 95.0	9 i . 1	42.4.7 43.4.0	3	7.		7.5	• -
≥ 6000 ≥ 5000		***	, °. 6	3.5	41.5 94.9	3.	95.9 94.5	74.3	93." 24.5	. .	67.3 64.6	7.0	14.5	7		· .
≥ 4500 ≥ 4000		ly .	90.5	94.2 98.1	96.3	5.2 6.1	75.7	5.2	05.00 38.03	95.0 96.1	75 • 2 5 • • 1	5.1	45.5	73.	5.	•
≥ 3500 ≥ 3000		5.	9 . 1	96.1	35.1 36.5	5.1	36.1 36.5	76.1	05.1 05.5	75.1 96.1	75.5	0 . 1 75 . 5	6.5	76.02	5.1	
≥ 2500 ≥ 2000		5. • °	37.4	76.8 93.7		36.5 37.7	96.1	36.5	45.7	91 .4 67.7	97.7	46.61 57.7	57.7	7.7	9 K • 7	
≥ 1800 ≥ 1500		7.1	97.4	97.7	94.4	7.7	47.7	97.7	97.7	77.7 74.6	Ģ ♥ • ₹	97.7	- ~ . ₹ • •	77.7	~ 7 . 4	•
≥ 1200 ≥ 1000		1.07	94.1	77.7	90.4	9.4	94.7		 	99.4	10.4	ंक्रुं4 ५.३ , 7	70.4 5.7	\ C . \	40.4 40.5	4 C
≥ 900 ≥ 800		5.7	90.4 97.4	57.7 .6.7	36.7	9.7	99.7	00.7	13.7	C\$.7	09.7	99.7	3.7 3.7	70. 100.	1000 1000	
≥ 700 ≥ 600		9.7	90.4	55.7	19.7	9.7	99.7	9.7	14.7	59.7	99.7 90.7	04.7 69.7	.7.7	·9.7		
≥ 500 ≥ 400		3.7	70.4	33.7	99.7 C 2.7	9.7 59.7	39.7 39.7	29,7	19.7	59.7 79.7	99.7	29.7	00.7	79.7	7	
≥ 300 ≥ 200		7.7	99.4 94.4	9.7	99.7	79.7	29.7	9.7	/3.* ;9.7	5y.7	99.7	09.7	99.7 99.7	79.7	0.0	
≥ 100 ≥ 0		÷ . 7	95.6 69.4	19.7	75.7	9.7	19.7	:9.7	7.5° 7	79.7	99.7	9.7	29.7	-	100.0	6. 6.

TOTAL	NUMBER	OF	OBSERVATIONS		

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	' ≥ 0
NO CEILING ≥ 20000			72.7	7 . 7		79.7	70.7	74.7	79.7	55.4	70.7	79.7	75.7	1	(3.4 75.7	i
≥ 18000 > 16000	<u>-</u>		7 / 0	7	7 . 9	79.1	7 . :	7 (, 0	77.5		70.0	70.4	77.0	79.0	77.	
≥ 14000 ≥ 12000		7.	3	1.0	1.6	1.6	1.0		1.0	1.			1.4	97.2	00.2	
≥ 10000 ≥ 9000	***		3 C . 7	4 . 4		4 · 6	4.5	4.6	64 . C		6 6 7	6.5	4 6	+	4 . 6.	+
≥ 8000 ≥ 7000				• 1	1	3.1	S	2.1	. 1		1	7.3	,	-2.3	•	• ,
≥ 6000 ≥ 5000		; • ;	• •	3.4	72.4 3.8	2.4 3.3	77.4	2.4 3.4	5 7 . 4 4 7 . 4	1 2 .4 2 .4		2.4 3.3.4	7 . 4	19.1		• •
≥ 4500 ≥ 4000		• 7	74	- 7 . Mg - 4 . €	74.5	4 4 A	3.4 3.4	3.5	: 3 • 5 2 • 7	93.5 98.7	93 E	7	: ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	3 7 a .	/? 14.7	
≥ 3500 ≥ 3000		4 • 1	95. 5.5	7	1 1 1 1 1 1	E	95.9	77.1 27.9	7.1 95.9		ر م <u>ا</u> ک م د	• 1 95 • •	•		**•1 ***•1	· ·
≥ 2500 ≥ 2000		į. • "	7 67.4	07.5	77.5	4.3 37.5	10.3 77.5	76.3 77.5	93.5 97.5	97.	7	26. ₹ 07. ₹	7.5	76.7 77.5	97.1	
≥ 1800 ≥ 1500		5.7	9 . 7	97.7 31.8	97.7	7.7 98.5	99.7	00.0	67.n	54.	97.2 44.	500	77.8	57.	97.6	• • • • • • • • • • • • • • • • • • • •
≥ 1200 ≥ 1000		8.5	ر د د نه د د	- C • B	00°2	-Q.4	03.0	ي يون عالان وي	.9•€ 35•€	09.5	7.7	79.7	50.5 53.7	29.5	9.	27
≥ 900 ≥ 800			97.4 90.5	79.4	49.5 54.5	.6°6	9.8	99.7	99.7	99.5		14.7	10,0	99.7	63.	
≥ 700 ≥ 600		1 4	90.5	13.7	99.7	9.7	ପଦ୍ନମ ଧ୍ୟୁନ୍ତ	79.	99.4 69.6	99.0	79.7	99.6 99.6	96.6	79.	1 0.0	
≥ 500 ≥ 400		3 . 4	***	99.7	94.7	9.7	66.9	\$0.4 90.5	49.0	39.9	100.0		1 37 • 7 1 37 • 7	1.0.6	:30.∙0 :40.∙0	
≥ 300 ≥ 200		F • 4	90.5	19.7		9.7	27.	30° x	97.^ 49.	74.5	100.0	100.0	100 n	103.0		
≥ 100 ≥ 0		. 4	99.5	30,7	94.7	9.7	କ୍ଷ _{୍ଟ} ର୍ ପ୍ରକୃତ୍	79.8 39.8	99.7	99.0	1 00 • 0 1 • 0 0		1	100.0		T .

TOTAL	MILMASS O	F OBSERVATIONS	· .

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) NO CEILING ≥ 20000 79.7 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 3. ≥ 3500 ≥ 3000 ≥ 1800 ≥ 1500 ≥ 1200 ≥ 1000 900 800 200-≥ 700 ≥ 600 1.7 1.0 . c. 100 . 0 105 . 0 1 Un . n 100 .

TOTAL NU	MARK OF CASERY	ATIONS	

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 2% ≥ 1% / ≥ 1% ≥ 1/16 NO CEILING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 6000 ≥ 5000 7.7 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 <u>></u> . 7 : 4 . 700 600 14. <u>≥</u> 100

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			*				VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11%	≥ 1%	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ .	≥ 0
NO CEILING ≥ 20000		6	67.	7	,	9.7	5 . 7	7. T	, ,	11.	61.0	5 • .	1 .	•		
≥ 18000 ≥ 16000			£ 7.	% • (€ × •)		56.€ 38.€	65. 45.	•		6.	5.7 ·		•	f. 3		•
≥ 14000 ≥ 12000			6.	, ,	6:.3 6:.7	· 5.7	67.7	: .? 64.7		6 . •	6, 3 °	6, L . 7		50.7	50.5	
≥ 10000 ≥ 9000		• 1	7~."	71.5	71.5	11.	7: • 3 71 •	71.3	71.	7	71.3	7 . 7	71.	77.5 71.7	77.	
≥ 8000 ≥ 7000			7	79.3	1.7	7 • 7	7"."	7	7 . 7	7	7	1.5	7	1	7.	1 7
≥ 6000 ≥ 5000		•	d v • u	4.3	۲. ۱4.	4 . 3	03. 04.3	₹.* t: •	7 1 e 7	4				h .		•
≥ 4500 ≥ 4000		•	. 7		37.	4 • 7	57.	4.3 4.0	4.7 57.0	7.	00.7 97.3	24•9 +7•7		1 u , 1	7	7
≥ 3500 ≥ 3000		7.7	6 T • 5	1.5		14.3	20 • 3	4 2 . 3	5 1 3	4		F 3	•	**************************************		•
≥ 2500 ≥ 2000		1.7	5 · 3	1.7	33.7	1.7	61.7 53.7	1.7	1.	71.7	7.7	1.7	1.7	1.7	1.7	
≥ 1800 ≥ 1500			,	1.	74.₹ 3*•™	7.	94.2 97.	.7.	54.7 97.	97.	, a	17.		. 4	. 4.) . <u>. 7</u> .	
≥ 1200 ≥ 1000		Ţ.,	12 . T	7 . 7	7 • J	5.7	# # # # # #	~ .7	70 . 7	94.	7	15.7	2.5	5.		6.2
≥ 900 ≥ 600		9.	11 7 12 7	78.7 55.3	27.3	17.5	30°3	9.1	1 . T	39.	98.7 95.1	60.3	7.7		3.7	
≥ 700 ≥ 600		•	4 7 . 3		44.3 59.7	7.5	0.0	39.3	9 9 . 7	79.5	€ 9 . 5	59.3	77.7	59.7	50.7	,
≥ 500 ≥ 400				19.3	30.8 3∨."	9.	96.5	°9.3	93.3 23.3	.0.3	99.3	99.3	, 4 . 7	29.7	04.7	7
≥ 300 ≥ 200		5. e	;		70.1 70.7	9.7		9.5	90.₹ 90.3	2 4 9 3	30.3	39.3	10.7	09.7 1160		121. L.D.
≥ 100 ≥ 0		1.0	3	5 y	0.0	9.3	90.3	^\$.3	/a.₹ 9¢.₹	99.3 99.3	15.5	₹¥.3 (3.7	12.7	30.0	100.5 100.5	00.1 20.4

TOTAL MILMARE OF	CREEDVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	2 11/2	≥ 11/4	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING		•	1,00	7 V. 3		3 7 . 7	65.3	41.3	4.7.0	8 5 6 2	6 6 9	65.5	28.2	15.1	25.7	120
≥ 20000		• 7	7	75.3	73.5	", ",	23.5	23.3	7:03	73.3	73.3	72.5	73.5	73.	77.5	7
≥ 18000			*	74.1	74.	4.	74.	m.	74.	7 4 . 0	74.0	4 . J	74.0	74.7	74.	7
≥ 16000		, ,	7: -	*4.7	*4.	74.3	74.5	74.7	74.3	4. 1	74.	74.3	74.7	74.3	74	74.
≥ 14000			7	-4.3	74.3	4.5	34.3	74.5	74.7	74.3	74.5	74.7	74.*	1	ì	7
≥ 12000		t. •	7 . (7 ?	75.	7	75.3	7 !	75.3	70.8	75.3	75.3	75.3	75.7	. 7:
≥ 10000			77	7: •7	7	76.7	76.07	76.7	71.7	1	71.07	5. 7		76.7	t	7 7
≥ 9000		, ,	• • (7 7	74.7		7 ~	76.7	16.7	7:07	7 7	76.7	76.7		76.7	7
≥ 8000		1.0	• ,	1.0	7 (• **	2.3	22.3	2.7	7.0	83.7	87.7	85.7	c2.7	34.7	\$2.7	
≥ 7000		2.	7 a 3	3	26.3		5 7	37.0	27.°	37.C	» 7 a f	77.0	•	7.	-	
≥ 6000			47.7	7 • 5	30.0	7.7	\$7.7	36.	13.	20.0	6.0	3.0	-			
≥ 5000				\$ 8 g .		8. 7	35.3	26.7	33.7	03.7	54.7	33.7		95.7	P9.7	<u></u>
≥ 4500 ≥ 4000		. 7	01.		0 5 . 3 0 1 . 0	1.3	25.7	49.0	3 7	21.7	57.	50. 41.7	3.7	1.7	99. 31.7	٠.
			73.7	1.7	1.1.7	-	77.	2.3	3.3		3.3	2.3	-	7.7	9 2 3	
≥ 3500 ≥ 3000		. • •	3 7 7	.2.7	47.7	, ,	٠	^7.5	33.7	13.3	47.7	23.5	63.2	25.4		
≥ 2500		• •	3.3	1.9	्र. प	4.0	94.5	54.3	4.7	24.3	16.7	24.7	74.3	24.		
≥ 2000		* • 3	14.7		75.3	-5.	25.7	4.0	35.5	50.0	55.5	15.3	~ < • D	^5.	· 6.	
≥ 1800		•	74.7	74.	25.3	75.7	75.7	6.	+5 • T	95.0	₹	- E . D	44. O	26.5	96.0	
≥ 1500		4.7	7.0	• • • 3	· 6.7	7.	77.	17.3	97.5	57.3	47.5	57.3	65.8	37.2	57.	•
≥ 1200		•	1. • 3			7.7	ن و و ز		9.	₹0.0	6.5	48.	V: • '	97.		177.
≥ 1000		5.7	7.	97.5	57.7	- D - 7	9 . 3	1	: : : · · · ·	98.7	90.7	59.7	7	48.7	P.7	
≥ 900		E . 7	5.3.	27.3	1	78.3	9	7.7	20.0	94.7	73.7	9.7	₹.7	74.7		1
≥ 800		€ • ?		\$ 9 . ?	50.7	00.	79.3	16.7	24.7	7 . 7	50.7	79.7	19.7			
≥ 700		0.7	7.00	• •	6 . 7	5. 5	26.7	20.7	्द ग	26.7	99.7	38.7		20.1		24.
≥ 400		6.7	7	3 3	0.5.7	9.3	7	7.7	99.7	79.7	99.7	99.7	00.0		1000	<u> </u>
≥ 500			٠,٠	2	32.7	70.5	30.3	0.7	9.7	69.7	95.7	0.7	7.0		100.4	
≥ 400			9 4 6 E	60.3	2:.7	4.3	90.3	19.7	.0.7	49.7	29.7	19.7			100.0	
≥ 300		5.7	• 1	73.3	7 7	19.3	\$9.3	30.7	33.7	39.7	79.7	39.	7.5		100.0	130.5
≥ 200		1.7	36.	7 7 1	9.7	20.3	9 . 3	9.7	09.7	59.7	99.7	49.7			100.0	0.7
≥ 100		6.7		0 % 3	37 • 7	9.3	99.3	20.4	्व . र	29.7	27.7	0.7		60.0	-	
≥ 0		1 6 • 7	•	3. • 3	98.7	4 • 5	59.3	-7.7	. 7.7	30.7	99.7	99.7	0.0	F 2	0.00 p	UU C

IOIAL NUMBER	OF OBSERVATIONS	

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 5 ≥ 1% NO CEILING 71. 75. ≥ 20000 ≥ 18000 ≥ 16000 Tr. ≥ 10000 7 3 . 7 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 aa. 雑長。 4500 4000 al. 1.3 91.7 07. 3. ≥ 3500 ≥ 3000 23.7 57.7 4.7 ≥ 2500 ≥ 2000 00.3 05.3 96. ≥ 1800 ≥ 1500 1200 : A . 3 · 7 . 3 96.0 99.0 99.3 50.0 9. . 3 1000 91.3 79.3 900 800 <u>></u> 97. 90. T 47.7 99. 15.1 - contanontro etago chaco 67. 7.3. 67.7 90. 27.01.00.01.00.0 700 600 9. 10.01 47.7 57. 49. 29.5 50.0 49. 000 20.7 00.0107.5 500 400 0.0 100.0 99.0 100.00 37.0 37.7 90.7 49.0 99.0 79.0 79. 9. 79.11 199.0160. 9. T0.0 97.7 90.5 9.0 19.5 anankoo.akanankoo.u 4. 9.0 10.010.0100.01 100 49. 99.

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)							VIS	HBILITY (ST	ATUTE MI	.ES)				,		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ 4	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		7.7	67.7 72.	26. 23.3	£ 7.0°	2.0	7 Y . 1		-		45.0	45.0		1 1		
≥ 18000	-	•	7	3.3	73.5	73.3	73.3	7 • 3	73.7	73.5	77.5	73.3	73.3	73.3	77.5	***
≥ 16000			7 ~ •	73.3	73.5	73.7	73.3	73.3	72.5		73.1	77.3	73.3	*3.3	73.3	* * • *
≥ 14000 ≥ 12000			* 3	77.3	77.5	73.3	73.3	73.3	73.7	75.7	77.3	73.7	75.3	73.7	77.3	77.7
≥ 10000 ≥ 9000		7	7 • *	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.
≥ 8000		,	31	P4 . 5	u . C	4	(4.5		4.	84.6	# & a 13	74.	4.	-4 -	14.	
≥ 7000			•	3	2 . 7	3 . 3	24.03		SALT	06.3	5.5	16.3		16.3	(6 , 7	F() .
≥ 6000 ≥ 5000		7.7	87.7 87.3	17."	67.7	:7.°	67.0 98.7	77.0 59.7	95.7	27.0	8	17.0 63.7	59.7	27.0	64.7	∿7. €4.~
≥ 4500 ≥ 4000		7.	97.7	77.	25 1 . 7	1.7	A7.	39.0	37.5 91.7	R:.	31.7	87.	71.7	1.7	8°.	71.7
≥ 3500	-		91.0	12.7	72.7	72.7	92.7	*2.7	37.7	72.7	57.7	12.7	77.7	4.07	6, 3, 4	* 7 • ?
≥ 3000					45.0		75.0	75.	35 · 1	95.	25.	3.	7.0	15.	7.4	<u> </u>
≥ 2500 ≥ 2000			7	77.3	97.3	6.3	96.0	97.3	95.5 97.3	97.5	°6. °	96. T		97.3	47.1	96. 97.1
≥ 1800 ≥ 1500		4. *	31.7	77.5 93.3	\$7.3 98.3	27. Y	97.3	17.3 18.3	77.53 44.7	97.3	97.3	98.3	07.7		97.5	57.
≥ 1200		6.3	90.7	79.3	95.0	, A + 3	93.3	38.3	78.7	98.	74.3	10.1	´ - 3	78.2	6P. 1	7 = -
≥ 1000 ≥ 900		6.7	97.4	59.0	00.1	69.	99.0	74. n	99.7	99.	30 . ·	98.	79.7	. 9	30.0	95
≥ 900		"E . 7		99.6	95.3		99.3	94.	20.0	69.	49.	40.0	90.3		99.1	33.
≥ 700 ≥ 600		6.7	97.0	99.0	0 0 0 0 0 0 0 0 0		99.0 99.0	79.D	99. 99.	99.	70.	99.	00.3		99.3	69.7 69.1
≥ 500 ≥ 400		6.07	47.	99.3	99.3	9.3	79.0 59.3	99.3	40.3	99.0	00.5	49.5	^0.3	79.3		77
≥ 300		6.7	07.7	79.7	29.7	9.7	99.7	69.7	39.7	79.7	49.7	9.7	100.0	LOG.C	160.0	lan.c
≥ 200 ≥ 100		6.7	95.2	~3.7	79.7	79.7	99.7	29.7		99.7		69.7		00.0		
≥ 0		*6.7	27.7	79.7	99.7	9.7	29.7	49.7	99.7	79.7	74.7	99.7	7.0	ina.n	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) (FEET) ≥ 5 NO CEILING ≥ 20000 75.7 75.1 75.7 75.7 75 . 7 75.7 75.7 75. 75. 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 ≥ 14000 75. 7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 77.7 77.3 77. 77.3 77.3 77.3 77.3 77.3 77.3 77.3 70.7 70.7 79.7 79. 79.7 74.7 79.7 ≥ 10000 ≥ 9000 79.7 77.7 10.7 87.7 50.7 80.7 80.7 3 .7 50.7 10,0 3**5.** € 5-6 35. 25. ≥ 8000 ≥ 7000 48.7 56.7 26.7 88.7 23.7 83.7 88.7 13.7 94.7 48. 2.7 . 8 . 7 88.7 42.7 37.7 38.7 - i . 7 ≥ 6000 ≥ 5000 Av. 7 99.7 50.7 80.7 23.7 30.6 70.° \$(.c 90.0 40.0 90.0 92.7 92.7 92.7 31. . . 92.7 2.7 92.7 ₹0.0 ≥ 4500 ≥ 4000 2.7 07.7 92.7 74.3 74.7 94.3 14. E 94.3 94.3 ≥ 3500 ≥ 3000 46.3 56.3 6.3 36.3 96.3 56.3 56.3 97.7 97.2 97.2 3.3 46.3 66.3 E . 3 ≥ 2500 ≥ 2000 47.3 97.3 97.3 07.3 37.7 97.7 91.7 57.7 ≥ 1800 ≥ 1500 77.7 77.7 97.7 <u>35</u> U 5:.0 98.0 99.5 0.40 78.0 78. 78.3 78.7 ·£.7 93.7 99.7 98.7 22.7 ≥ 1200 48.7 44.7 98. 98.7 49.7 5 1.3 93.3 8 . 3 E . 7 1000 22.5 75.7 93.7 95.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 25.3 79.7 6. ≏**8.3** 98.7 79.7 24.3 99.3 99.3 99.3 59.3 52.7 700 600 98.7 98.7 78.7 99.3 97.7 09.3 y9.7 69.3 79.3 99.3 70.3 90.3 69.2 39.8 00.3 09.3 99.3 79.3 90.3 20.1 95.0 9.5 छ३. 79. 100

TAL	NUMBER	OF	OBSERVATIONS	·	•	9

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) NO CEILING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 - 3 . S 35. ≥ 8000 ≥ 7000 PA. ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 1800 1500 ≥ 1200 ≥ 1000 77. 69.7 99.3 .7. count count no abor or da action al 1.20.0100.0100.0100.010.0 .choo.choo.chao.choo.choo.ch

TOTAL MILMETE OF CASSEVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING (FEET)							VIS	BILITY (ST	ATUTE MIL	.ES)				-		
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		6.7 • 1 74 • 1	79.3	75.2	65.4 75.7	(A.4	68.4 75.2	64.4 75.2	75.0	61.4	1	73.2	5. 4. 7 2	56.4 75.2	45.4 75.2	
≥ 18000 ≥ 16000		4.2	74.9	7 - 3	75.3	*5 • 3 75 • 3	75.3	75.3	75.3	75.3		75.3	75.3	75.3 75.3	75.3	
≥ 14000 ≥ 12000		1	75.2	76.5	73.5	75.5	75.5	75.5	75.5	75.5	75.5	76.5	75.5	75.5		75.5
≥ 10000 ≥ 9000		7.	77.3	75.3	74.A	79.1	72.4	75.1	70.1		73.4	74.4	77.4	79.4	70.4	7 .
≥ 8000 ≥ 7000			52.00 85.9	3.5	F3.5	3.6	57.6 86.4	16.5	63.6 85.5	83.6		26.5	: 1 . K	63.6	87.6 86.5	1.5
≥ 4000 ≥ 5000		5.	87.6		87.0	7.1	67.1	7.1 ~9.3	27.1 98.3	87.2 88.3	57.2 56.3	27.2	7.2	57.2 68.3	57.	∵ ?
≥ 4500 ≥ 4000		7.	3 .5	78.3	61.1	1.2	2.4	58.4 91.2	98.4 91.2	80.5	88.5 91.7	86.5	1.3	55.5 71.3	A3.~	84
≥ 3500 ≥ 3000		2.4	91.2	\$2.4 "4.	02.4	2.5	94.1	77.5 44.7	97.5	72.6	54.3	7.6	03.6	+2.0 -4.3	17.6	74
≥ 2500 ≥ 2000		4.1	94.0 95.5	25.7	94.5	94.9	95.4	74.9 95.9	94.5	95.	96.0	94.	96 °	35.3 66.1	65.	
≥ 1800 ≥ 1500		4.1	9:.1	55.9 57.5	96.D	96.0 97.7	96.0 97.7	96.1	97.7	96.2	96.7 97.8	75.2 97.8	16.7 77.6	76.2	96.2 97.8	97.2
≥ 1200 ≥ 1000		6.3	97.5	78.0 75.4	·3 · 1	3.	99.7	08.3 08.8	98.3	94.4	98.4 98.8	77.4	9°•4	98.4 06.9	40.4 40.4	
≥ 900 ≥ 800		6.3	97.5 57.8	79.4	98.6	9.1	98.7	99.2	99.2	9e • 9	99.3	98.9 5:.3	00°0 00°0	35.0 09.4	99.9	7 9 4
≥ 700 ≥ 600		6.5	97.5		94.1	·9 • 7	99.3	79.3 79.4	99.4	99.5		99.5	50.1 59.7	59.5	09.7	79.7
≥ 500 ≥ 400		75.5	97.2		99.2	9.3	99.3	09.8 99.5	99.4 99.5	79.5	99.5	99.5	59.7 97.8	99.7 79.6	99.7	99.7
≥ 300 ≥ 200		6.5	34.3	c9.1	96.4	7.5	99.5	20.6	99.6 40.6	99.8	90.8	99.E		\$ 0.5		
≥ 100 ≥ 0		6.5	20.3	20.1	29.4	9.5	, ,	29.6	47.A	79.4	1	99.F		100.0	-	-

LATO	MUMBER	OF	CASERVA	EHOIT	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET) ≥ 5/16 NO CEILING 74.8 ≥ 20000 74.8 75.2 75. 76.1 76.1 76.1 ____ 77.7 77.7 77.7 77.7 0. ec.3 5D . 3 30.3 81.5 1.6 1.5 11.6 1.6 ≥ 4500 ≥ 4000 PR-1 C0.7 90.7 ≥ 3500 ≥ 3000 97.6 42.5 27.6 77.6 ≥ 2500 ≥ 2000 95.8 95.5 95.5 95.d 25. 95.4 ^8.4 C3.4 98.4 08.4 98.4 900 96.7 34.7 86.7 98.7 CH.7 98.7 8.7 79.0 79.0 44.7 79.0 99. 94. ent di cotto di potto di noto di antendi antendi potto di ante ו פרע n. ni co. cir co. cir co. cir ac. cir ac. cir ac. cir ac. cir ac. ci 29.71 13.71 30.31 33.74 30.01 53.71 3 .01 00.01 100 no. ru i a. ak aa. ak na. ak aa. rhaa. ak aa. ak aa. ak aa. ak ar. ak ar. a

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MII	LES)						
(PEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2%	≥ 2	≥ 1%	≥ 14	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING		., .	1 1	66.1	5. • !	a. 1		1			67.1	60.1	!	tool		٤
≥ 20000			7.1.3		77. 7	~?.3		7. • 3	7 7					72.3	77.8	7.3
≥ 18000 ≥ 16000			72.5	77.3	77.3	72.3	72.3	77.3	72.3		1 3	77.3	77.3	1	72.7	
			/		72.5	*2.3		72.3	72.1				7 - 7	72.3		
≥ 14000 ≥ 12000		,,,	77.9	72.9	72.0	72.9	72.0	77.0	72.5 73.7	72.0	72.9	73.9	72.9	75.0		72.
		3.	7 7	3	73.	73.6	73.6		73.6	73.00		73.6			73.	7
≥ 10000 ≥ 9000		و د		- 6 5		73.50) 194.5	74.5	4.5	74					74.5	•	
≥ 8000		7.	71	7	7 .1	7-01		73.1	77.1	71	71.1		* 1		75.1	
≥ 7000		7	7 . 2	7 .4	7 2 . 4	77.4	7 5.4	70.4	79.4	77.4	77.4	77.4	70.4	75.4	75.4	7
≥ 6000		7'	7	79.4	75.4	75.4	79.4	70.4	74.4	74.4	70.4	79.4	7~.4	77.4	77.0	7
≥ 5000		1.	67.3	: ^ . 3	42.3	2 • 3	72.3	12.3	77.7	* • 3	* ? . 3	.2.3	12.3	2.3	52.3	7
≥ 4500		. • :	5.3.2	3.2	#3.5	3.2	23.2	3.2	33.7	93.2	23.7	31.2	~ * . 7	13.2	23.º	
≥ 4000		* 7 • 1	8 . 4	57.4	80.4	60.8	87.4	20.4	37.4	R 4	8 . a	37.4	F".4	39.4	60	
≥ 3500		• (1	21 - 3	- n • 3	- 1	20.3	2.3	7.7	3 .3	9. • 2					€0.4	2
≥ 3000		1.00	25.0	1.7	91.7	11.9		91.6	51.5	91.5	91.7	54.0	71.7			31.
≥ 2500		2.6	35.0	2.9	92.9	52.7	\$ 7. 9		85.0	94.9	25.3	05.0	9: .9	77.9	45.4	•:•"
≥ 2000		5.	9 . 1	55.1	5.1	6.1	26.01	-6.1	-6.1	-6.1	6.1	55.1	25.1	-4.1		٠٠.
≥ 1800		6.1	20.05		45.	56 · 3	54.2	25.5	95.5	36.5	96.	96.5	15.5			35.
≥ 1500		7 • 1	97.4	47.4	97.4	~7.4			7.4	97.4	97.4	97.4	97.4	97.4	97.4	01.6
≥ 1200		7.4	\$7.7	57.7	97.7	77.7	97.7		97.7	47.7	97.7	97.7	97.7	97.7	27.7	Ç, ₹
≥ 1000		7.4	9: .4	5F . 4	2006	28.4	98.4	39.8	28 • 4	33.4	93.4	¥8.4		8.4	6.6.4	
≥ 900		.7.7	90.7	04.7	61.7	44.7		63.7	74.7	90.7	49.7	99.7	7	26.7	64.	
≥ 800		6.1	3.00	75.0	30.3	9.	90.1	20.0	10.7	99.	ψ9. "	59.	57.	39.0	30.	9.50
≥ 700		. 4	93.4	90.4	20.4	19.4	30.4	.0.4	99.4	99.4	37.4	79.4	.,,,,	1 9 · 4	99.4	99.4
≥ 400		P . 4	12 th 🕳 🙀	59.7	69.7	:9.7	99.7	79.7	99.7	39.7	99.7	99.7	90.7	99.7	49.7	49.7
≥ 500		, . t	90.0	59.7	01.7	.9.7	89.7	99.7	99.7	74.7	99.7	79.7	¢0.7	99.7	99.7	99.7
≥ 400		9.0	99.4	79.7	99.7	9.7	99.7	7	79.7	99.7	59.7	99.7	49.7	27.7	99.7	09.7
≥ 300		10.4	97.4	19.7	09.7	69.7	99.7	79.7	79.7	19.7	39.7	29.7	50.7	79.7	49.7	09.7
≥ 200		Γ.4	94.4	~y.7	76.76	9.7	99.7	V9.7	39.7	99.7		99.7	.9.7	99.7	99.7	
≥ 100		1.4	95.4	7.7	50.7	9.7	79.7	99.7	99.7	94.7	99.7	79.7	60.7	79.7	99.7	59.7
≥ 0		2.4	90.4	*9.7	79.7	. 9.7	20.7	29.7	99.T	99.7	99.7	99.7	99.7	29.7	99.7	100.6

TOTAL NUMBER OF DESERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	HBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21%	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ *	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		1 2 7	6.4	1.5	51.7	48.4	51.3	11.3	3 4 . 4	5.1 . 5 6.5 . 4	61.4	57 1 4 3 6 7 4 4	37.4	€ 1 • 1 ⊖ ∂ • 4	53.4 50.4	().
≥ 18000 ≥ 16000		5 7	5 . 4	5 0 4 € 6 4	6 5 a 4s	6.4 (8.4		£. •4. €. •4	(a4 5 ' a4	6.04	60.4	55.8 6-64	4		6.0 a la ⊕5 a la	
≥ 14000 ≥ 12000			6 .7	1 . 4	60.7	46.7	60.7	40.7	53.7 69.4	6 . 7	64.7 c2.4	44.4	10.4	49.4	63.7	
≥ 10000 ≥ 9000		3.	71.7	1.7	71.1	71.3	71.3	71.3	71.3	71.7	71.5	71.3	72.7	71.5	71.	71.
≥ 8000 ≥ 7000		- L	7 - 0 5	76.5	76.5 13.0	16.5	78.5	74.5 10.3	76.5	76.1	74.5 87.3	75.5	77.5	70.5	76.5	•
≥ 6000 ≥ 5000		1.	6 . 7	1.6	57. Y	0.3	5.3 "3.4	1.5	1.6	*2.3) f . f	1.4	1.6	1.0	1.5	
≥ 4500 ≥ 4000		7.1	2 1 . T	7.7	37.7	2.3		67.7	۲.۲	87.3 87.7	67.7	67.	• •	17.7	: 7.7	7
≥ 3500 ≥ 3000		* • 4	1	9, 1	व्य . १८•४		67.	3 . 3	4 ·		3''.	£ • • 3	•	4€.[7[.]		•
≥ 2500 ≥ 2000		•	51.00	11.5	61.6 44.2	1.5	24.0	1.6	1.5	11.5	- 1 - 6 - 6 - 7		11 . A	1.5	74	1.
≥ 1800 ≥ 1500			₽ . 5 ₽7.4		37 K	7.4	7.4		94.5 43.4	74.5 77.4	94.5. 97.4	0 5 7 / . 4	. 4 . 4	27.4	54.5 97.4	
≥ 1200 ≥ 1000		N	, , ,	• 1 • · • 4	6. 2 • 1	7 . ! £ . 4	96.1	7 • 1 7 • 4	7 . 4 . 4	0 . 1	, ,) = 0 I	7 0 1 5 1 0 4	98.1 98.4	-6.4	
≥ 900 ≥ 900			7 . 4			9.7	4: 7	77	67.7 31.7	75.7	35.7	1.8.7	- , 7	* • 7	98.7	•
≥ 700 ≥ 400		5.	9 .7	39.0 99.0	49.0 49.0	7.^	ड़क. दव.ग	40		7 V •	90.	77.	1	.9. .9.4	50. 29.4	14. 19.
≥ 500 ≥ 400		6.	9 . 7	7 .	63.F	9.	99.	79.5	10.7	39.0	79.	9.		59.7 09.7	96.7 90.7	40.7 44.
≥ 300 ≥ 200		A a	9'.7	00.	79.	9.C	59.	79.0 79.0	79.7	37.0	70.0 77.0	39.0	· C • 7	99.7	69.7 100.0	(7,7
≥ 100 ≥ 0		6.	9.7	26.	39. 30.7	9.	99.	9.4	79. h	79.3	Q.;	99.0	0,7	100.0	160.0 100.0	r

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	iBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 214	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¥	≥ %	≥ %	≥ 5/16	≥ 14	≥ 0
NO CEILING ≥ 20000			5 . 7	1 4 . 1 - 2 . 5	50.1 66.5	' = + 1 ' b • '	2.1 66.5	50.1 40.5	չ • • 5 € •	5 55.5	5,0 <u>1</u> 6,5 <u>6</u>	6 6 6 5	50 • 1 5 • • 5	5.2 . 1 . 8 . 5	58.1	1, 5 • : 4 . • !
≥ 18000 ≥ 16000		3.	56.1	5 . 5 5 . 5	66.5	66.5	66.5	56.5 15.5	5.6.5 5.6.5	66.5	€5.° 66.4	60.5	26.5 50.5	16.05	65.5 66.5	5
≥ 14000 ≥ 12000		E . 1		6 5 . 2 61 . 1	5-0		4.5. ·	65.2 66.1	55.5	6 A	66.	55.5 15.1	26.8 1.5.1	50.1	56.4 53.1	tion to
≥ 10000 ≥ 9000		, 4	7 1 . 7	70.0 71.8	71.5	71.5	70.0 71.	7ۥ2 71•€	70.0	7 71.1	7 71.t	71.	71 .13 71 .5	70.	71.	71.
≥ 8000 ≥ 7000		* 7 . 1	74.0	77.1	77.3	74.5	77.3	77.1	74.5	74.5	77.1	74.5 77.1	74.5 77.1	79.5	74.5	7
≥ 6000 ≥ 5000		7.04	77.7	7-01	71.1	7c • 1 1 • 6	31.6	73.1	7 • 1	7 • 1	-1.6	7 1	7 41	1.6	75.1	! •
≥ 4500 ≥ 4000			85	7.1	27.0	7.1	57.1	7.4 47.1	27.7 27.1	0.7.1	57.5	57.9 57.1	13.0	17.1	83.9 17.1	1.1
≥ 3500 ≥ 3000		8.e	2 h	8 . 7 2 . 6		94.7 -2.5	33.6		37.4	32.2	47.6	40.7	27.7	7.06	\$.	, ,
≥ 2500 ≥ 2000		1 • •	9	5.7 Q	9: . 7		37.7	F . 2	06.5	C 5 . 7		42.3	* ' • G	57.7 55.7	45.5	
≥ 1800 ≥ 1500		3.0	90.∎°	77.3	96.1	5.7 6.1	75.1	. 6.1	ि•2 ६७-१	~	45.2 45.5	95.2 <u>•6.9</u>		75.2 78.5	95.7 95.5	· · · ·
≥ 1200 ≥ 1000		, s	9 . s	5.8	76.5	7.1	76.5	7.1	១៦.5 ១វ.1	97.7	7.7	96.7	07.7	56 • :	96.	1t .
≥ 900 ≥ 900		5.1	74.5	76.F	37.1	7.4	57.4 77.4	27.4	57.4	95	,2.1	45.1	· 1	100.1	70.1	•
≥ 700 ≥ 600		,	34.5	74.8	97.1 97.4	7.4	97.4		47.7	31.4	CP.1	9.01	- ^ 6	28.4	68.4	
≥ 500 ≥ 400		5.	97.4	77.7	95.1	4.4		F.4	,000	30.0	90.7	99.7		79.7		35.
≥ 300 ≥ 200		601	• · 1	2 4 . q	0.5	9.4	60.4	79.4	00 .C					39.7		
≥ 100 ≥ 0		h . :	7 · 1	97.7	77.	9.4	13 G M	9.4	99.4. 99.4		100.0 100.0			0.00 E		

TOTAL	NUMBER	O۴	OBSERVATIONS	 	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)							VIS	IBILITY (ST	ATUTE MII	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ ઢ	≥ %	≥ %	≥ 5/16	≥ %	≥ 0
NO CEILING ≥ 20000			71.	1.5	*3.	3.7	(**.	7.0	71.0	71.	71.	3 4 6 2 7 1 6 3	/ 7 • 7 1 • F		1.	• •
≥ 18000 ≥ 16000			7:.	71.	71.	1.	71.	71.	71.	11.	1	71.0	71.7	1	71.	1.
≥ 14000 ≥ 12000		1	71.	1.5	71.7	1.,	71.	71.	71.	71.	71.	71.	11.	71	71.	
≥ 10000 ≥ 9000		2.	78.0	73.7	7 4	77.4	74.5	73.5	73.5		74.5	7 5 . 4.	7 1 4 6	75.	77.	
≥ 8000 ≥ 7000		† • • • • • • • • • • • • • • • • • • •	7.1	• 1	77.1	78.1	7:.1	- 1 - C	? •:	7 • 1	73.3	7 .1	• 1	7 . 1	77.1	•
≥ 6000 ≥ 5000			31.7	3.7	1.7	1.7	F1.7	11.3	7.7	1.:	-1.*	1.	11.1	2.3	1.	
≥ 4500 ≥ 4000		1	e . • €	17.1	17.5	7.1	€₹•6 87•1	7.1	7.1	* 3.66	; 7.b	57.1	7.5	13.f 17.1		
≥ 3500 ≥ 3000		7	2	. 1	3 • 1 4) • "	A - 1	98.1 0.3	*•1 [•]	3.5	47 • 1 5 • • 5	37.3	7 · • 1	• 1		1000	
≥ 2500 ≥ 2000	/	1.	00.7	^ • 7	5 .7 5 . 7	1.	93.7	1 • Ü	9 .7	1.	:1.U	1.1.1 1.2.0	11.00 50.07	1.	71.5 77.5	1.
≥ 1800 ≥ 1500		1.	7.5	3 (. 1	6 • 3 • • • 1	્રે.ય '6.ક	90.0 96.0	?દ.ક	97.0 98.0	97.1		27.1	** * • *	77	97.3	•
≥ 1200 ≥ 1000			97.1	05.8	95. 77.1	7.4	97.8	- 7.7	97.4	05.1	·· · · · 7	- 1	• !	57.7 	**.7	``.
≥ 900 ≥ 800			97.1	5 3.1	97.1 97.1	7.7	97.7	7.7	7.7	면역 . 1 유럽 . 1	1 2 . 1	7: 1	• 1	10.1	1	•
≥ 700 ≥ 600		3.1	57.7	67,4 67,7	77.7	• l	00.1		05.1 4	93.4 54.7	98.4 59.7	9 % . 7	99.4 99.7	73.4 98.7	96.7	5 .
≥ 500 ≥ 400		٨.	9 .1	^ • 1 • 1	7 1 1 1	3.7	93.7	8.7	73.7		9. 4	· ; . 4	`°•4	3. H	99.0	60. 93.
≥ 300 ≥ 200		51 • 7 • ;	çu		G 2 • 4	A . 7	68.7 68.	9.7	. 7	99.4 (00.7	. Tr 3	ं 9 • 4 } 5 0 • 6		09.4 10.0	66.0	
≥ 100 ≥ 0		7.1	3.4		00.4 35.4	9	97. 99.0	26	43.0		300.0 300.0		177.7 138.8		170.0 100.0	

TOTAL NUMBER OF OBSERVATIONS

1:

DIRNAVOCEANMET SMOS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)			-				VIS	IBILITY (\$T	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/4	≥ 2	≥ 1%	≥ 1%	≥ 1	≥ %	≥ 4	≥ %	≥ 5/16	≥ ∿	≥ 0
NO CEILING				:4.1	ă. ją 💮 🤻	ξ	8.9.5	34 . 5	1, 44 a T.	64.	£4.0°	84.5	1.00	71.	54,5	14.5
≥ 20000			7	7.	77.0	7 ? . 1	73.7		13.0	7.3.	73.7	77.	77.	77.5		<u> </u>
≥ 18000 ≥ 14000		•	74.2	"4 . 2	74.7	74 a 2	74.2	~4.7 ~4.7	74.7 18.7	74.2	74.2	74.7	74.2	74.2	74.	• • •
≥ 14000 ≥ 12000			7.6	74.5	74.5 74.5	74.5 8.5	74.5	"6.5 "(.5	74.5	**•:1 *6•:1	76.5	74.5	74.5	`4.5	74.5	•
≥ 10000 ≥ 9000			7	7	7:01	7 • 1 75 • 4	7:01	7 .4	7 · 1		7: -1 7: -4	7 • 1	7 .1	71.4	77.1	
≥ 8000 ≥ 7000		1	3 • ↑ 24 • ↑	* * • 5 * • ?	7.7	400	4.2	77.7	12.9	4: • 0	3	3 4			4.2	•
≥ 6000 ≥ 5000		•	23.5	11.1	4.7 36.1	4	84.7 Fa.	14.2 16.9	4.7 36.5	50.0		4		4.7	3 6	
≥ 4500 ≥ 4000		•		5	មន្ត្រ ឧក្ស	-6.0	36.	1	16.0°	5	5.5, a	2 f . 1			÷ 6,	• • • • • • • • • • • • • • • • • • •
≥ 3500 ≥ 3000			• •	3	37. 3	. 7	7		7		, , 7	?	. 7		7	•
≥ 2500 ≥ 2000		1.0	G 5.	43.5	37.5	.2.0 C4.5	67.4	5,7° € 34 • 9	37.7	74.0	57.9 94.4	92.0 36.		F 1 . 3	37.4	
≥ 1800 ≥ 1500		7.3	34.5	·	94.	7.4	77.4	74.4	ÿ K . * .	77.4	37.0	7.4	14.	7.7	7.7	• • • •
≥ 1200 ≥ 1000		5.0.	77.7	25.1	01.1	F.1	00.1	7 • 1	4 A A	9:01	6) 7: . i	i	4			
≥ 900 ≥ 800		5.	9 - 1 0 - 4	3.7	7	2.4	98.4	7	t t	17 4.	7,50	2: 4	7.7	· 2.7	ο _.	•
≥ 700 ≥ 600		5.0	9 . 4	5 . 7 5 : 7	22.7	H.7	99.7	77.7	12.7	9 7 . 7	25.7	99.7		ς,	٠٠.	90.
≥ 500 ≥ 400		6. a. i	7 . 7	7 4 . () 4 4 . ()	70.0 70.0	7.0	43.7	79.5	9.4	29.1	-9. 65.4	99.4	7.4	00.7	29.7	79.0
≥ 300 ≥ 200		t: • :	7	56. 59.	39.4	2 . u	70.4	0 u	7.9	77.4	7.4	79.4	10.7	39.7	36.7	
≥ 100 ≥ 0		5.43	7	70	79.6 :0.8	9.4	09.7	10.7	9.7	37.7	99.7	99.7	- 1		0.03	T .

SATOT	NUMBER	OF O	SFRVA	ZHOIT	

DIRNAVOCEANMET

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ·.	≥ 0
NO CEILING		, ,	• •			** •	7.	-1.7	7		•	11.63	, ,	7,	<u> (</u>	
≥ 20000					7 . 1	•	 	1 1	• 1	7	7 ! • !		•	•	 , • ,-	
≥ 18000 ≥ 16000		•	,	7	- 1	3.1			• • •		1	1	• • 1) . • ! . • • !		•
≥ 14000 ≥ 12000		•	7 . 1	4.1	74.5	E . 1	71	74 • 1 • 5 • 4	74.3	7	74.6		4 . 1		7	
≥ 10000 ≥ 9000		7		77.	17.	7.	77.	77.	7	77.	77.	77.	,		7.	•
≥ 8000 ≥ 7000		1	, -, -,	1.2	1.7	1.2	1.		1.0	1.2	1	1.	1.	. 1.		
≥ 6000 ≥ 5000		•	•	1 3	*1.	1.7	1.7	1.7	1.7	1.	1.3	1.3	1.	1.0	1.	•
≥ 4500 ≥ 4000		•	• 41	1 : 4 /	£ 7 . 7	17.7	37.7	3.2	13.7		2.7	- ' • '	•			•
≥ 3500 ≥ 3000		î •	•	3	16.7	1.3	95.7 91.5	1.7	1.				1 . 7	1.		•
≥ 2500 ≥ 2000		/ • ·		• •	36.	3.	45.0						•	•		•
≥ 1800 ≥ 1500		: 5 e :, ∎t	· .	. 4	₹ . *	7		7.7	7 6 6 6 7 7 8 7	· · · ·	- (,) (a - () () (a)	7.7	7.7	7.	7	•
≥ 1200 ≥ 1000		7 • 1	, i	77.7	3.	2.0	~	• 7	• • •	27.7	• •	•	• •	77.7		•
≥ 900 ≥ 800		7) F	~ • 4 ~ • 7	,	5.7	77	- 5 - 7	. 7	6.7	1 A A . 7	15.	• •		4.7 53	•
≥ 700 ≥ 600			Q #	· · · · · · · · · · · · · · · · · · ·	30.7	2 . 7		14.0	7	35.4	1		4,6	<u>.</u>	 	•
≥ 500 ≥ 400				. 7	30 • 7 7 • 7		79.	. / e i.	• ^		70.4	7.4	3 . H	- 4 - 4		•
≥ 300 ≥ 200			,	. 7	7, 2, 7	0.7	. •	77.4	7 . 4	7	-9.7 55.7				, b , 7	_
≥ 100 ≥ 0			. 4	~ , ,	· · · · · · · · · · · · · · · · · · ·	8 . 7	77.4	- 5 . H		· v • 7	29.7				170.0 (10.0	1

TOTAL NUMBER OF OBSERVATIONS	

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JEILING							VIS	BILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/5	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ 1/2	≥ 5/16	≥ ५	≥ 0
NO CEILING		. •	•	1 1	11.	1.	11.5	100	1.0	11.	11	11.7	11.5	11.	11.	7
≥ 20000		• •			7 + 6	4	74.	и •	4.0	1 9	7 - • •	, 4,	7	7402		<u> </u>
≥ 18000 ≥ 16000		• •		7 1	7" • !	1.1		77. • 1 77. • 3	/ • ! / • !	/ * . ;	71	75.1	• 1	7 1	7.6.2	•
≥ 14000 ≥ 12000			7	7 . 7	7	77, 7	76.5	7: 7	7	7	7		1		~	,
≥ 10000		7.	7.7.	7/.		7.	77.	77.		77.	77.	77.	, ,	71.	77.	·
≥ 9000			7 •		7	•	7	7		7 •	7: •(7 •				+
≥ 8000 ≥ 7000			•	•	•	3.7		7	•	•	•					!
≥ 6000 ≥ 5000				•	7	3.		•	•	*	-				. 3 •	
≥ 4500 > 4000		•	. 1		. 11	Ö.	6 f a m	•	. 6 . 9	N. S	i		•	• •	4.	
≥ 3500 ≥ 3000		<u> </u>		-	-	3.0	• 6		• •	• • •		•••	•	• • • •		
				·				•	32. 5	+	• •		· •		•	
≥ 2500 ≥ 2000		•	•	•	14.	4 . 2 5	76.5	14 . 5 17 . 3	34.0°	34.1 14.1		(G •)		•		•
≥ 1800 ≥ 1500		,	4 7 . !	. 1		5.1	7.4	3 5 6	•	, ,		17.4	, ,	7.6	7.4	,
≥ 1200 > 1000	·	. 1	, , , ,		57.7	7.7		. 1	• 1	•	- 1	06.7	1 3 7			
≥ 900		7. 7	1 . 4		- (3.4	7	11.7	7	-7	7	12.7	53.7	, ,		
≥ 800		•	• 7	• 7	1 2 • 1		29.	25.	•	***	* .	٠,,	•		19.	
≥ 700 ≥ 600		. 11		. 7	7 / • ·		7	77.0	. 3 . 6	34	1 5 0 . 4 0 . 4	49. 42.4		98.4	30.	
≥ 500 ≥ 400				•		9.5	£ 12 . 14	. 4. 4	79.5 79.5	1	5.7	67.7 175.0	0.7	35.7		7. 3. 4
≥ 300 ≥ 300				, 44 , 14	7 % . Is	3,4		75.7	77.0		137.0	100.7	1 . 7 . 7	110.0	100.0 100.0	-
≥ 100 ≥ 0		•		1,	14 (1)	0 , u		7	13.7	•	263.0					

TOTAL NUMBER OF OBSERVATIONS	
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY (SI	ATUTE MIL	LES)		-				
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/2	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		: •	6 · .	71.0	71.5	5.0 1.5	71.2	71.5	7.5	71.	110	1.3	71.A	71.0	71.	•
≥ 18000 ≥ 16000		1 . 4.	71.	71.	71.0	71.0	72.0	71.	71.5	71.9	73.0	7].9 7].J	71.0	71.7	71.	71.
≥ 14000 ≥ 12000		1.	7:,7	17.4 73.3	72.4	72.4	77.5	72.4 74.3	77.42	72.4	77.5	73.4	17.4	77.4	77.4	7
≥ 10000 ≥ 9000			71.0	"4.: 7.:5	74.0	74.6 75.6	74.5	74 . 6.	75.45	74.5	74.6	74.5	74.5	74.6	74.6	7.,
≥ 8000 ≥ 7000			7		7	70.2	77.7	**• ? • <	* • *	7	7 . 7	7 1 . 7	7	75.0	74.3 55.43	· .
≥ 6000 ≥ 5000		• :) ()	1.2	1.7	1 - 2	1 . d 5 7 . f	1.2 3.1	1.7	7 1 • 2 13 • 6	1 • .	71.5 73.1	1 1 2	1	·] • ?	•
≥ 4500 ≥ 4000		3.	Ab.i	74.2	74 . 7 2	4 • 3 8 . 3	14.2 12.2	4.2		4 . i.	4.7	่ แน•.? 58•2	4.0	1	8 . 2 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3	••.
≥ 3500 ≥ 3000		•)	3	1.7	93.7	34.7 91.3	87.7 91.9	75.7	24.°	9/ ,7 1.9	5.7	3 • 7 91•9	50.7 41.7	1.	39.7 11.0	
≥ 2500 ≥ 2000		1 . 3 . "	7.4	7: • ·		÷ .	87.4 35.1		72.7 3.1	4	5 2 . 3	92.9 35.1	77.3	7		•
≥ 1800 ≥ 1500		, , ,		- 7	97.1 97.1	7.1	07.1 ∀7.1	17.1	75.7 77.1	75.2 77.3	27.2	37.5		र्ड े. २७०३	িটিকুর ৬ শ ্র	7.
≥ 1200 ≥ 1000		6.5	7	* * 5.	\$7.5 50.0€	17.6	67.7	1	27.7 25.1	67.7	97 .7 28.3	3. 3	0 7. 8	37.5 73.5	77.8 	3 7
≥ 900 ≥ 800				3		*		76.5 77.5	77.5°	6	7 . 7	5 ° 2 ° 7	, 7	04.7	99,5 00,7	•
≥ 700 ≥ 600			3 ,	. 4	7	8.0	9° 5	. s . b	99.4 92.4	96	\$5.	3ו8 50• 5	9.1	98.0 4 9. 1	98.3	3
≥ 500 ≥ 400		7.3	9		• 1	9.1	74. 19.3		4 2 • 2 4 . • 3	(4) • 4 (1) • 6	19.E	43.4	77.5 7.4	7 9 Y	69.4	50.7
≥ 300 ≥ 200		•	9	1	7	9.3	₹ 6.4 ; 5.4	े । े यः - ध	<u> </u>	39.6 35.7	**************************************	49.0	0.7 		90.7 90.0	99.5 99.6
≥ 100 ≥ 0			;	7	ार्थकः • स्व	7.	7 • f	74.5	2 7 g E	79.3	90.0	6.00°E	95.5	r - 1	(00. 120.ព	10.

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING					_	_	VIS	IBILITY (ST	ATUTE MIL	.ES)						
(FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 21/2	≥ 2	≥ 11/3	≥ 1%	≥ 1	≥ ¾	≥ %	≥ %	≥ 5/16	≥ 1.	≥ 0
NO CEILING ≥ 20000		,		70.5	* • 1 * • •	1 1	9°•1	13.1 20.5	7 - 6	77.	50.1 70.5	55.1 79.5	u • 1	79.5	77.2	,
≥ 18000 ≥ 16000		7 . 7		71.6	7 .6	70.6	79.1	70.8	7° • 0	7,,,	7 - 6	74.4	70.5	77.7	75.7	
≥ 14000 ≥ 12000		-	7 .	7	7	70.5	79.5	1.0	77.6	7 . 0	77.4	1.0	70.5	79.5	77.4	
≥ 10000 ≥ 9000			4 *	1 7 . i	>?•? ₹\$•4	3.2	83.5 83.9	3.2	3 3 . 7	3 3	,	23.2 2.9	7.0	3	- ₹•2 5 • \$	•
≥ 8000 ≥ 7000	_	7.	86.5 86.7	48.9	33.5 25.4	7.	47.5	7.0	7 E	27. 48.9	7.	67. °	o	7.	. 7. . 7. a	
≥ 6000 ≥ 5000		•	13			79.2 7.1	8°.2	30.2	47.2 10.1	8 1 . 2 2 L . 2	5 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	h = 0.7	•	F 1		•
≥ 4500 ≥ 4000		• 1	4 .1 41.7	.1.9	-1.	1.	90.3 91.9		3.7 93.5	50.3 -1.3	41.4	अते.्थ उर्दे•	•		1 . G	•
≥ 3500 ≥ 3000		1.	91.47 31.47	-3°•5 -43•6	57.5 63.6	! _ :	92.6 43.6	73.6	.	7 .1 7 % ef		2.0 3.3.5	, , f	12.6	72.f	
≥ 2500 ≥ 2000		4 . 4	94.5	74.3		5.4	54.4 75.	િય ા હ	3 4 4 4 3 5 4	7 4 . 4 7	54 4 56 6 1	. u . u	- 12 . 44	. ₩.₩	74. 36.	. <u> </u>
≥ 1800 ≥ 1500		4.	7.7		56.3	6.3	38.4	1 2	48 • B	10.4	1 " . 7	36.4 53.3			99.7	". • · ! • • •
≥ 1200 ≥ 1000		7.	9 1	1 .	77.46 39.5	9.(55.7	i i	9 9 • 1	76.0	90.7	7.03	य∧•्ध ५५•₹	9.3	7.	
≥ 900 ≥ 800		1.	9.5	1 . 9	37.3		19.7	9.4		96.6	20°2	69.1 30.5	10.5	09.6	79.4	
≥ 700 ≥ 600		7.1	3:.7	60.2	24.4		99.1		98.6 98.6	14.7	50.7	70.7	14.7	69.7	00.7	40.
≥ 500 ≥ 400		7.4	9	79.3	30.5	7.5	59.t	10.7	19.7		59.3 99.1	99.1	90.8 57.0		\$9.0 \$0.7	?
≥ 300 ≥ 200		7 . u	9	59.2	20.5 2.6	19.5	99.7	79.7 19.8	69.6	09.7		97.4	90.0			
≥ 100 ≥ 0		, 4)	75.3 59.3	30.6	9.6	9.7	74.5	4	99.9	_	90.4 30.8		70.0 20.0		185.4 180.4

TOTAL	MUMBER	OF	OBSERVATIONS	

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL
HTHOM	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
• •	<u>c1</u>	2.0			63.0	a					1 . 4	7.7	7.9	
		2 .6			47.						17.1	12.3	4.2	* ',
		7.4			c -						23.	12.5	7.1	ţ ·
	· · · · ·	11.			4 . 6						?	14.4	- 4	•
	1	11.7			47.7						24.6	1~	• • •	
	:	·•:									:7.1	16.5	5.7	• :
	:	1			47.7						2:00	17.2	· . :	3.11
		25.2			4 . =						3	10.6	4.1	i
to	TALS	1			41.0						23.7	13.7	4.9	24.74

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER		•	-	MEAN TENTHS OF	TOTAL
HTHOM	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OB\$.
r	:	3 .			57.7						1	11.7	4.2	
		21.4			3 . 1						20.5	15.5	4.5	21
	,	11."			.7.7						20.4	15.7	۴.6	
	1	17			7						24.5	18	. 3	
	1.	1			47.0						27.5	16.3	r • 1	
	1	17.5			61.1				<u> </u>		10.F	20•€	4.6	
	!	1			42.						1	19.5	4.0	2:
	2.5	30.			33."						15.2	15.2	٠. ٥	23
											<u> </u>			
TO	TALS	2 7			37.4		,				21.3	17.5	4.8	225

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
W.3.1.	- 1	24			44.						13.5	10.3	3.7	¥ 1 1
		26.5			46."						16.	9.7	7.9	- : :
		۶.۶			11.6						27.4	11.7	5.1	?:
	,	11			55.5						12.0	12.5	۲.9	:
	1 '	• ti			7 g . 7						23.	12.1	r.!	31.
	:	17.4			54.1						i 7 • 1	14.2	4.5	- 1.
	:	11.5			25.0			<u> </u>			20.1	8.7	a t	• •
	. 5	3 • 4			4: 4 3						17.0	7.4	٠.4	715
	ļ <u>.</u>													
			· · · · · · · · · · · · · · · · · · ·											
											<u> </u>			
TO1	ALS	1 .1			51.6						10.5	1".4	4.6	2481

1 2 2 5 5 FL 2 2 5 5 FL 5 5 5 FL 5 5 5 FL 5 5 5 FL 5 5 5 FL 5 5 FL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
r:	7:	2.	· 		4/.7						. 6.0	6.3	₹.9	
·			. <u> </u>		f •n						10.3	c . 3	4.1	3 C
		5. 7			₹ / • 7						10.3	7.7		۲ :
	:	•			.5.7						25.7	9.3	4.0	τ
	3 7	•	_ =		£ / . "				<u> </u>		23.7	0,5	ξ _{4 m} π	
	<u>:</u>	1			· 4 . 7	·					1.3	11.7	4.7	
	:	17.7			ε •						25.7	10.7	4.0	: [
	72	27			<u>.</u> ,						17.7	7.7	7.7	• • •
<u></u>	-							<u></u>			ļ			
	<u> </u>							ļ	<u> </u>		-	ļ <u>-</u>		
					· -						 	<u> </u>		
<u></u>				<u></u>				ļ [.]			 		 	
101	TALS	1			51.9						77.7	۰,۰	4,5	24^-

1 FFN LEST. FL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(L.\$.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
+ 5 v	. 1	1 . 1			31.6						17.1	15.2	4.4	711
	714				57.4						71.0	11.6	4.0	215
		1.			-1.7						35.4	11.3	5.5	- 1:
	1	•			51.6						31.0	13.0	₹.₽	-1:
	1	2.1			4 - , 7						31.6	15.2	٠.٥	- 1
	:	4.5			02.3						28.1	15.2	c • 6	. 1 4
	1	4."			44.						33.7	16.5	5 • ⁴1	315
	2.2	1"••			5 .6						12.4	13.5	4.5	:10
					-						 	ļ	-	
		 								 -	 		 	
											 			
701	TALS	7.6			51.0						27.3	14.1	5.4	2480

1 T FIR LEST, FL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENTI	IS OF TOTAL	SKY COVER	-			MEAN	TOTAL
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
٠,	- :				54.7	w.,					24.	12.7	c • 1	?
·	~ ,	.7			f						79.3	13.7	4.7	: -
		: • *									71.7	14.7	د و ه	
	:	•			42.7						27.7	17.~		311
	1	1.			41.7						34.0	15.0	1	1 1
	1			İ	5						10.3	17.3	· • ?	3 1
	4.2	1.			79.7						71.7	01.5	4.7	•
		5."			5						24.7	14.5	7.3	ţ.
TO	TALS	7.6			21.6						29.1	15.7	5.8	245

1 TO PERSON FL

7 = 6 7

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STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
JCL		4.7	·		Ę÷.	·		<u> </u>			2: 4	2.4	₹.?	*1.
		3.5			65.7						22.5	2.4	٠.9	·:
					4.6						41.7	11.3	4 . 3	, 1
	:			ļ 	"4.2						43.:	11.5	.5	••
	:				3.5						42.c	13.1	6.6	•
		•			. 7.4	L					47.4	14.5	F	
					2 . 7			_		_	40.1	22.3	7.4	7:
	*	7.7			75.5						29.4	11.^	٠, ۴	
									Ĺ					
								<u></u>						
TO1	TALS	1			47.7					<u> </u>	36.0	12.A	. • 5	244

ere FST, FL · 5 - = 7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTI	IS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
		••			i, , i,						34.5	17.5	5.0	
		_: .			5. ·						:: • ^	11.	5.6	
					7:						1	17.0	٠,-	-
	<u> </u>	1.			a 3 . 65						-2.7	14.2	. 5.	
	:	_•′			31.1						1.	12.3	6.5	
	•				77.7						47.4	14.5	7.9	. :
					2.7						1.*	15.4	7.4	<u> </u>
	.,		···		46.1						17.1	14.5	, , ,	3.1
				<u></u> _										
											1,			
TOT	ALS	: . 2			11.4						43.1	14.3	5.6	248

HIS SEST. FL

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	IS OF TOTAL	SKY COVER	!			MEAN	TOTAL
MONTH	. (L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
•	e i	7.			4						33	14.7	1.0	
		1.7			·,							12.7	٠,4	, ,
	-				~1.						45.7	17.3		
		, ,			- 2 • *						41.7	14.	٠, د	
	:				- •						4 F . 7	15.7	1.5	į
					.,,						43.7	15.7	. 7	•
	:				,							15.3	- , 2	7 (
					47.5						77.7	10.7	÷ • .	· · · :
TO	TALS	•			43.4						-1.	14.3		2 - "

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	IS OF TOTAL	SKY COVER	-			MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF	NO. OF OBS,
•		1 .1			2 " . 7						14.0	14.2	ts	
	-	1.			51.						21.	17.2	4.0	
	-										23.0	12.	្ ព	
	:	• r			•						32.5	11.	. 6	
	1										32.	14.2	د • ۱۰	
	3 .	• :			4 . 1			[3 • • 7	17.5	5.0	
		u · c			41.1						34.	14.5		
		1			1.6						27.1	12.0	4.	:
												ļ		
701	TAIS				4						20 4	17.4	C N	240

NAVWEASERVCOM

STATION NAME

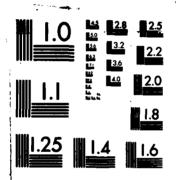
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	CY OF TENTH	S OF TOTAL	SKY COVER			<u> </u>	MEAN	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
	. 1	<i>?</i> .			и.						3 . 7	15.	٠	
					47.						•	14.		
	i										· ·		•	
	1 :.	• ',									. 7	1	,	
	1				4						;	15.7		
		•		<u> </u>	4.7						7 : . 7	,	•	
	1	1 .			4."					<u></u>		٠.		-
		24.									1 7. •	! 7. 7	- • 5,	-
						·								
													!	
101	ALS	1 .			4 •						2 7	17.5	7.2	‡ 4 :

NAVWEASERVCOM

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MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

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STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	CY OF TENT	HS OF TOTAL	SKY COVER			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	9	10	SKY COVER	OBS.
ε: c	21	25.			3A.4					10.0	15	4 . 4	210
	ŗ.	25.5			37.7					23.7	12.6	- 5	110
	07	4.5			48.7					 37.6	14.2	5.6	2.10
	1.	7.4		ļ <u>.</u>	43.2					36.1	13.2	5.9	- 1 *
	1.5	5 , 4			4 < . 5					30.6	15.2	5.6	110
	1.	9."			45.5					 29.0	16.1	٥.6	21:
	1.	13.5	·- <u>·</u>		44.7					 23.6	18.1	5.3	300
	1.2	2 ? • 7			40.5					21.0	15.2	4.6	7.5
										 ļ			
								<u> </u>		ļ			
								<u> </u>		 <u> </u>			
101	ALS	15.1			43.1					26.7	15.1	* • 2	2478

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PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7		•	10	SKY COVER	OBS.
<i>∴ h</i> •	ILL	16.6			46.0			<u> </u>			23.7	13.7	4.7	2474
, r 4		27.3			37.9			<u> </u>	<u> </u>		21.3	17.5	4.8	225/
. •		1:.1	 		r 1 • 6	·		<u> </u>			19.5	10.9	4.0	2430
) p s		1/.2			51.9					<u></u>	22.7	9.0	4.5	2 - 10
∙дү		7.6		<u></u>	51.6						27.3	14.1	5.4	2451
uf. fr	<u> </u>	3.			S1.6						29.1	15.7	5.8	2410
JUL		1.4			47.7					<u> </u>	30.0	12.8	4.2	24.5
115		1.2			41.4			<u> </u>			43.1	14.3	4.6	2490
r p		•			43.4						41."	14.8	6.5	24 0
- 1		.n , c ,			49.7	L					28.4	13.4	K . 4	743
NIA.		14.5			44.2			<u> </u>			23.5	17.8	* • 2	24 10
05 C		1 * • 1			43.1						26.7	15.1	5.2	2478
101	TALS	17.44			46.6						28.7	14.1	K . 4	29208

NOCD, Federal Building Asheville, N. C.

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
- 2. Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared;
 - a. Extreme maximum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

- b. Extreme minimum temperature
- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares $(\sum X^2)$, sums of values $(\sum X)$, means (\overline{X}) , and standard deviations (σx) . The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.
- e. Percentage frequency of occurrence of dry-bulb temperature versus wind direction This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

STATION STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

ATKINGA

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 7						• 1	• 1						•
100				• 1	2.	13.3	28.4	34.9	16.3	. 6		1	• ,
<u> </u>	• !	. 4	4.2	17.5	48.5	85.5	98.1	97.4	91.7	49.1	7.9	. 5	42.2
· ·	71.04	24.3	48.3	76.3	^6 • D	99.1	100.0	100.0	79.9		53.6	28.4	7 . 1
≥ 73	57.	F8.2	79.2	^6.8	99.9	1 "C. C			100.C	₹8.9	84.7	59.2	86.7
<u>, i, </u>	75.6	79.6	91.7	99.6	1 0.0					170.0		R1.4	0.4.9
	8 .5	71.1	27.9	100.0						, and	00.7		97.7
<u> </u>	91.8	78.3	29.6								100.	09.1	99.5
≥ 5	39.7	1 '0.0	100.0									100.0	100.0
2	100.0	_											:07.0
<u> </u>													
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MEAN	7	74.4	76.	51.5	84.3	80.7	88.5	78.7	87.5	8.5.8	79.17	75.1	F1.8
S, D.	- 4 7	6.058	5.167	3.396	2.742	2.555	1.803	1.815	2.119	3.345	4.460	5.897	6.784
TOTAL OBS.	2.0	819	879	839	899	970	714	730	900	929	9770	930	19728

DAILY TEMPERATURES

STATION STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

INTM -

	TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥		· · · · ·						• `	• 1				Ī	•
≥	:				1.2	8	4 . 3	63.3	57.5	34.6	8.	• !	Ī	1
≥	7.5	1.0	5.0	14.1.	35.8	66.5	71.6	94.6	92.9	89.	62.4	19.2	5.	4
2	• •	55	7.2	49.5	* 3.3	97.2		100.0	99.9	99.4	96.2	45.2	31.3	73.
≥	<i>e</i>	51.9	52.9	77.2	78.1	10.	100.0		100.0	100.0	29.8	88.3	62.7	56.1
2	Û	76.6	78.8	92.5	9.9						1 0.0	77.2	4.0	94.2
Σ	5	1.4	73.7	98.7	100.0							9.7	95.5	98.2
≥		8.1	79.5	59.3								170.0		99.7
≥	4.5	9.9	1 C.C	100.0									100.0	100.0
2		100.0												ເຫລ•ວ
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	MEAN	200		B = 0 1	_	75.8			77.5	77.02	15.4	70.4	65.7	77.0
	\$. D.	8.वस	6.325	5.665			2.685			2.657	3.150	I	1	7.119
	TOTAL OBS.	8 9	- 19	8 9	# ₹₩	809	7.7	912	730	900	<u>62.6</u>	4.0	43	1 - 128

STATION STATION N

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

	TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥					• 1	3.	24.3	53.5	4.2	29.8	2.2			1 . 1
≥			. 7	9.	20.66	A6.	92.4	9.86	97.8	92.4			2.5	47.
≥ ``		72.	26.C	50.6	€3.4	97.3	79.8	1.0.0	170.0	120.0	94.6	62.1	35	72.
≥ `	•	15.5	57.3	91.0	~8 • 5	100.0	100.0				29.7		61.4	07.
≥ `	, f	77.	₹8.7	92.4	~9.9						100.0	\$6.9	54.3	94.3
≥	· ;	91.3	73.7		1 0.0							99.6	05.7	9.,3
2	5	75.	19.5	79.9								100.0	99.5	99.8
≥	•	79.9	1 °C.0	120.0									170.0	100.0
≥	4 *	1:0.0												100.0
≥													Ĭ.	
Σ													ì	
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_	MEAN	5 . 5					82.9					75 .	70.0	77.6
	\$. D.	स्था	5.088	5.186	3.271	2.570	7.795	1.823				4.450		6.275
	TOTAL OBS.	600	RYP	879	839	899	870	914	930	900	929	900	930	10728

DAILY AVERAGE/EXTREME TEMPERATURES

12650 NEV WEST, FL

1946-1947 1954-1983

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STATION

STATION NAME

YEARS

MONTH

	MEAN TI	EMP		M	AXIMUM TE	MP	T		N	INIMUM TEN	MP	
	AVERA	GE	AVERA	GE	EXTRE	ME		AVERA	3E	EXTRE	ME	
DAY	°F	°c	°F	°C	°F	°c	DATE	°F	°c	°F	°c	DATE
1	71.5	21.9	76+0	24.4	84	28.9	1982	67.0	19.4	5.7	15.0	15815
2	70.2	21.2	75.0	23.9	8.2	27.8	1974	65.4	18.6	5.5	12.8	1954
3	59.9	21.1	74.6	23.7	8.5	29.4	1972	65.3	18.5	٠.4	12.2	1961
4	64.8	21.0	74.4	23.6	62	27.8	1973*	65.3	18.5	£. 84	12	1981
5	1.4.9	21.1	74.4	23.6	84	28.9	1972	65.4	18.6	5 "1	10.0	1967
6	74.5	21.4	75.4	24.1	84	28.7	1972	65.7	18.7	2.5	11.1	1967
7	70.0	21.6	75.8	24.3	82	27.8	1960	06.0	18.9	5.5	12.0	198 -
8	*೧.€	21.1	74.7	23.7	81	27.2	1982*	65.4	18.6	49	9.4	197
9	60.5	20.8	74.3	23.5	84	20.9	1969	54.7	18.2	43	8.9	197
10	44.0	20.6	73.5	23.1	6.2	27.8	1972	64.6	18.1	45	7.2	197.
11	69.7	20.4	73.4	23.0	82	27.9	1972*	64.1	17.8	46	7.8	197
12	68.3	20.4	73.4	23.0	84	28.9	1947	64.2	17.9	47	8.3	1961
13	55.7	20.4	73.4	23.0	82	27.8	1972*	64.D	17.6	43	6.1	1981
14	60.8	20.4	73.9	23.3	83	28.3	1947	63.8	17.7	4.8	8.9	1961
15	59.0	20.6	74 - 3	23.5	82	27.5	1977	63.7	17.6	47	8.3	1954
16	58.7	20.2	73.3	22.9	81	27.2	1947	63.3	17.4	22	11.1	1978
17	67.3	19.6	71.9	22.2	3.0	26.7	1974#	62.7	17.1	52	11.1	1981
18	67.1	10.5	71.8	22.1	83	28.3	1980	62.4	16.9	47	8.3	1981
19	67.6	19.8	73.2	22.0	51	27.2	1947	62.1	16.7	46	7.8	1977
20	65.7	20.4	73.9	23.3	82	27.6	1947	63.5	17.5	46	7.8	1977
21	19.0	20.6	74.0	23.3	82	27.8	1974	64.0	17.8	4.6	6.9	1971
22	68.8	23.4	73.1	22.8	82	27.8	1946	54.4	18.0	5.1	13.6	1977
23	45.7	20.9	74.6	23.7	83	28.3	1973	64.6	18.2	٠2	11.1	1977
24	19.6	20.9	74.6	23.7	82	27.9	1972	64.6	18.1	50	10.0	1963
25	44.7	20.9	74.6	23.7	82	27.8	19740	54.7	18.2	54	12.2	1981
26	20.0	21.1	74.9	23.8	93	20.3	1975	65.1	15.4	52	11.1	1977
27	20.5	21.4	75.5	24.2	82	27.8	19750	65.4	18.6	< 3	11.7	1977
28	6:.8	20.4	73.4	23.0	82	27.8	1975+	64.1	17.8	53	11.7	1966
29	60.5	20.3	*3.1	22.2	82	27.8	1975	64.0	17.8	53	11.7	1978
30	AF .5	20.3	73.4	23.0	8.3	28.3	1975	63.6	17.6	49	9.4	1966
31	57.6	20.9	74.9	23.8	93	28.3	1946	64.3	17.9	46	7.8	1966
Monthly	49.3	23.7	74.1	23.4	85	29.4	1972	64.4	18.0	43	6.1	1981

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

11 50

REY WEST, FL

1946-1947 1954-1983

FFERUARY

STATION

STATION NAME

YEARS

MONTH

	MEAN TE	MP		М	AXIMUM TE	MP			N	INIMUM TEN	AP	
	AVERA	GE	AVERA	GE	EXTR	ME		AVERAC	SE SE	EXTRE	ME	
DAY	° F	°c	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	76.7	21.2	75.2	24.0	82	27.8	1975 ×	65.3	18.5	5.4	12.2	1483
2	70 <u>a</u> ii	21.3	74.9	23.3	82	27.8	1975=	65.9	18.8	5 .	10.0	198
3	70.0	21.1	74.9	23.6	82	27.8	1972	65.1	15.4	F. 2	11.1	1981
4	A 13 . 1	20.2	72.7	22.6	82	27.8	1975	64.1	17.8	47	9.4	157
5	55.6	20.3	73.4	23.0	84	26.9	1968	63.8	17.7	5.7	10.0	1237
6	46.5	21.0	74.8	23.8	83	28.3	1959	64.9	18.3	50	10.0	1966
7	26.0	21.2	74.7	23.7	81	27.2	19793	65.6	18.7	E 2	11.1	1978
8	იმ•6	50.6	74.0	23.3	83	28.3	1974	64.3	17.8	* ? T	11.1	1983
9	67.6	19.9	72.7	22.6	82	27.8	1982	63.2	17.3	53	11.7	1958
10	67.7	19.8	72.2	22.3	84	28.9	1982	63.2	17.3	C 2	11.1	1979
11	6€ • 1	20.1	73.1	22.8	81	27.2	19750	63.0	17.2	51	17.6	1573
12	56.6	20.3	73.2	22.0	93	26.3	1975	63.9	17.7	50	10.0	1673
13	₹,9•;	20.6	73.9	23.3	92	27.A	19750	64.4	18.7	4.3	8.9	1905
14	46.0	70.€	74.0	23.3	82	27.8	1965	64.1	17.6	45	7.2	1958
15	770.	21.2	75.2	24.0	82	27.8	1982=	65.2	18.4	56	13.3	196
16	11.	21.8	76.2	24.6	8.3	28.3	1982+	66.4	19.1	55	12.8	1958
17	70 . €	21.4	75.3	24.1	83	28.3	1975*	65.8	18.8	5.3	11.7	1977
18	∵ . 8	21.6	75.9	24.4	8.3	28.3	19754	65.7	18.7	52	11.1	1977
19	10.3	21.3	74.0	23.8	84	28.9	1975	65.7	18.7	6.2	11.1	1959
20	84.5	20.8	73.6	23.1	e 3	26.3	1975	65.4	15.6	49	9.4	1063
21	57.8	20.9	74.2	23.4	è5	30.C	1967	65.0	18.3	51	10.6	1056
22	70.4	21.3	74.9	23.8	84	28.9	1975	65.8	10.8	51	17.6	1975
23	76.4	21.3	75.4	24.1	8.5	29.4	1968	65.5	18.6	£ .	10.0	1979
24	70.6	21.4	75.1	23.	8.3	28.3	1975*	66.2	19.0	5.2	11.1	1964
25	. 6	20.9	74.1	23.4	81	27.7	1979=	65.1	18.4	₹ %	12.2	1967
26	5.00	20.6	73.8	23.2	3.2	27.8	1959*	64.2	17.9	50	10.0	1967
27	69.9	21.1	74.8	23.8	8.3	28.3	1977	64.9	18.3	51	10.6	1974
28	1.3	21.8	76.7	24.8	8.2	27.8	1982+	65.0	14.8	56	13.3	1966
29	7 E • 4	21.3	76.7	24.8	81	27.2	1976	64.7	17.8	56	13.3	1964
30												
31												
donthly	+5.7	20.9	74.4	23.6	86	30.0	1967	64.9	18.3	95	7.2	1953

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

in in Page GEST, FL

194: -1947 1954-1983

44 6 4

STATION

STATION NAME

YEARS

MONTH

	MEAN T	EMP		M	AXIMUM TE	MP			N	INIMUM TEN	ИP	
Γ	AVERA	GE	AVERA	GE	EXTR	ME		AVERAC	iE .	EXTRE	ME	
DAY	° F	°c	°F	°C _	°F	_ °c	DATE	°F	°C	°F	°c	DATE
1	11.7	72.1	76.5	24.7	8.7	27.8	1975*	66.9	19.4	52	11.1	1061
2	104	21.9	76.0	24.4	82	27. A	1965	66.5	19.3	51	10.6	1 +65
3	1.6	22.0	77.0	25.1	8.2	27.8	1954	66.2	19.0	40	9.4	1987
4	17.2	22.3	76.9	24.9	83	28.3	1967	67.4	19.7	47	8.3	1900
5	2	22.5	76.9	24.0	84	28.9	1972	68.0	20.0	7.2	11.1	1363
6	72.5	22.7	77.7	25.4	84	20.9	1977*	68.1	21. • 3	56	13.3	1968
7	12.00	22.2	*6.2	24.5	84	28.9	1977	67.8	19.9	5.7	13.9	196
8	12.1	22.3	76.8	24.9	8.8	31.1	1967	67.5	19.7	47	13.9	1954
9	71.4	21.9	76.7	24.6	85	29.4	19674	66.6	19.2	56	13.3	971
10	*2.1	22.3	77.0	25.0	84	28.9	1976+	67-1	19.5	5.5	12.6	1960
11	2.8	22.7	77.8	25.4	86	30.0	1968	67.8	19.0	56	13.3	1969
12	77.8	23.2	78.9	26.1	87	30.6	1968	68.7	20.4	56	13.3	1969
13	3.7	23.2	72.5	25.8	84	29.0	1977*	69.7	20.6	- 72	11.1	1764
14	*4	23.4	79.1	26.2	86	30.0	1977	69.2	27	5.2	11.1	136
15	74.7	23.5	79.3	26.3	85	29.4	1975	77.5	21.4	57	13.9	107
16	74.6	23.7	79.2	26.2	85	29.4	1946	69.9	21.1	56	13.3	107
17	73.4	23.C	72.2	25.7	87	30.6	1975	68.6	23	۴.,	14.4	1978
18	3	22.7	77.6	25.3	86	30.0	1965	68.0	20.D	57	13.9	1978
19	12.7	23.2	76.4	25.8	8.5	25.4	1965	69.0	20.6	ŧΰ	15.6	106
20	77.4	23 .C	73.3	25.7	8.5	3C.C	1955	68.5	20.3	20	15.0	196
21	72.€	22.6	77.5	25.3	85	29.4	1977	67.7	19.8	4.5	12.€	1955
22	72.4	22.4	77.1	25.1	87	30.6	1977	67.6	19.8	5.7	13.9	1960-
23	72.0	22.6	77.4	25.2	£ 4	23.9	1982+	67.8	19.9	5.0	15.6	1970
24	73.8	23.2	76.5	25.8	8.5	29.4	19750	69.	27.5	۲4	12.2	1965
25	74 - 3	23.5	79.0	26.1	86	371.00	1975	69.5	2 .8	£ £	13.3	1968
26	73.7	23.3	7:07	25.9	86	30.0	1065	69.1	2	52	11.1	1969
27	*3.7	23.2	78.5	25.8	86	30 • C	1965	68.9	211.5	.5	11.1	1965
28	74 - 3	23.5	79.1	26.2	86	30.0	1965	69.5	23.8	50	15.3	1976
29	*4.8	23.8	79.1	26.2	86	30.0	19700	70.6	21.4	6	1 4 . 6	1955
30	75.4	24.4	AT . N	26.9	86	30.0	19750	71.4	21.9	4,2	14.4	1955
31	76.0	24.4	80.4	26.0	8.5	31.1	19754	71.6	22.0	61	16.1	1971
Monthly	**.3	22.9	78:	25.6	8.8	31.1	1975n	68.5	20.3	47	8.3	1980

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

10056 - PY WEST, FL

1945-1947 1954-1981

APRIL.

STATION

STATION NAME

YEARS

MONTH

			 .									
	MEAN T				AXIMUM TE					MINIMUM TEI		
,	AVERA		AVERA		EXTR			AVERAC		EXTRE		
DAY	° F	°c	°F	°c	°F	<u>°c</u>	DATE	°F	°c	°F	°C	DATE
1	75.5	24.4	-0.2	26.2	56	30.0	1954	71.7	22.1	5.44	17.8	1993
2	76.3	24.6	20.E	26.7	87	30.6	1973	72.1	22.3	64	17.5	1955
3	16.7	24.8	-1.2	27.3	5.8	31.1	1975	72.1	22.3	65	16.3	1372 -
4	77.	25.0	-1.4	27.4	8.9	31.1	1973	72.6	22.5	7.6	19.9	1952
5	76.0	24.9	91.3	27.4	87	3 . 6	1977	72.t	22.6	6.4	17.8	1961
6	76.7	24.6	86.48	27.	86	30.0	1969	12.0	22.2	64	17.8	1976
7	<u>~6.3</u>	24.6	39	27.2	87	3 - 6	1969	71.6	22.0	6.2	16.7	1971
8	76.4	24.7	31.2	27.3	86	_3 ↑• ↑	1969	71.6	22.	٤,	14.4	1971
9	77.2	25.1	72.0	27.8	87	30.6	1965	72.4	22.4	6.4	17.8	1971
10	76.6	24.8	21.2	27.3	8.8	31 - 1	1982	72.	22.2	46	18.9	1974
11		24 - 8	81.2	27.3	8.8	31 • 1	1965	71.9	22.2	V.2	17.2	196
12	7.1	75.1	1.5	27.5	8.8	31.1	1965	72.6	22.6	6.5	18.3	1993
13	7.3	25.2	91.5	27.5	87	30.6	1965	73.0	22.8	64	17.8	1756
14	6.8	24.9	91.0	27.2	8.9	31.7	1965	72.7	22.5	62	16.7	1959
15	7.1	25.1	21.5	27.5	87	30.5	1975#	72.7	22.6	6.2	1t.7	1959
16	76.	24.9	21.4	27.4	8.0	31.7	1965	72.3	22.4	4 5	16.3	1933
17	76.4	24.7	5:07	27.1	87	30 - 6	1969 n	72.1	22.3	63	17.2	105.
18	16.7	24.8	*1.1	27.3	8.9	31.1	1965	72.2	22.3	63	17.2	1983
19	27.4	25.2	-1.5	27.7	8 7	31.7	1969	73.7	22.8	6 5	2 € • €	1953
20	77.5	25.3	91.8	27.7	8 ?	31.7	1975	73.5	23.1	56	10.9	1983
21	78.	25.6	2.3	27.7	87	30.6	1965	73.6	23.1	4.0	20.0	10830
22	7 - 1	25.6	82.5	28.1	87	30.5	1965	73.7	23.7	6 "	2 . • 0	1965
23	78.1	25.6	32.5	28.1	8.6	30•€	17824	73.7	23.2	6.0	20.0	1973
24	7~.	25.6	P 2 • 1	27.8	8.8	31.1	1945	73.9	23.3	70	21.1	13530
25	78.4	25.8	22.9	29.3	8.8	31.1	1968	73.9	23.3	6.5	20.0	1983
26	74.5	25.8	°3.0	29.3	87	3 ೧ ⋅ €	1968	74.1	23.4	6.3	17.2	1963
27	78.5	25 · A	13.0	28.3	8 ?	31.7	19650	74.1	23,4	67	19.4	1978
28	73.7	25.7	82.7	26.2	90	32.2	1965	73.9	23.3	66	16.9	1978
29	70.4	25.8	82.8	28.2	8.8	31.1	1971+	74.0	23.3	6.6	18.9	1973
30	78.3	25.7	2.9	28.3	87	30.6	1947	73.6	23.1	67	19.4	1979
31												
Monthly	17.3	25.2	1.7	27.6	9 C	32.2	1965	72.8	22.7	5 %	14.4	1971

*ALSO ON EARLIER YEARS

4

DAILY AVERAGE/EXTREME TEMPERATURES

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 STATION
 STATION NAME
 YEARS
 MONTH

	MEAN T	EMP		- 1	AXIMUM TE	MP			M	INIMUM TEN	MP	
ĺ	AVERA	AGE	AVERA	GE	EXTR	EME		AVERAG	E	EXTRE	ME	
DAY	°F	°c	° F	°c	°F	°c	DATE	°F	°c_	°F	°c	DATE
1	7 - 6	25.8	*2.7	28.7	9.6	31.0	10150	74.1	23.4	6.6	1:.0	1995
2	7: • :	25.7	32.7	28.2	67	37.4	1047	77.5	23.3	6 7	20.0	1041
3	7.07	25.9	52.9	28.3	87	3 • 6	1754	74.5	23.6	71	21.7	1977
4	7	25.8	73.0	28.3	87	30.6	1954 *	73.9	23.3	7 1	21.1	1 234
5	7 .	25.7	-2.7	28+2	8 7	31.7	1978	73.7	23.2	1.5	18.9	1945
6	77	25.9	72.9	25.3	0.5	31 - 1	1975	74.5	23.6	f: f:	1 . 3	1 77"
7	7 (. 2)	26.1	₹3.1	28.4	90	32.2	1767	74.7	23.7	6.6	16.9	177
8	7€	25 •	33.2	28.4	8,6	31.1	1975 8	74.3	23.5	67	19.4	100
9	7 . 4	26.0	°3.2	29.4	80	31.7	1973=	74.4	23.6	66	18.9	19(
10	7 • 1	26 • 2	73.6	28.7	91	32 •	1967	74.7	23.7	63	20.6	1660
11	7″ • 8	26.6	-4.3	27.1	8.3	31 - 1	1975	75.3	24.1	6 0	20.6	1'+6'
12	7:.9	26.6	24.1	28.9	8.2	31.7	19750	75.7	24.3	7.	21.1	I.c.y
13	1.0	20.7	ੰ4 • ਹੈ	28.9	9.7	33.3	1067	75.0	24.4	6.9	7 .6	1014
14	(1.40	26.7	c4.4	29.1	87	31.7	1969	75.7	24.3	£ 9	27.0	Ict
15	7 7	26.5	£4.7	20.7	71	32 • 4	1963	75.1	23.5	7.1	21.1	1477
16		20.7	94.6	29.2	9.5	32 • 2	1969	75.5	24.2	7.0	21.1	1277
17	. • '.	27.5	-4.8	29.3	8 7	31.7	1975	76.4	24.7	7.2	72.2	1973
18	€ • 6	27.0	4.8	29.3	90_	32.2	17754	76.	24.6	71	21.7	1673
19	C	26.9	4.5	29.2	3.8	31.1	1976	76.5	24.7	7:	22.2	1773
20	C."	26.9	24.8	29.3	8 9	31.7	1975	76.	24.4	7	21.1	1 45%
21	0.4	27.1	5.1	29.5	91	32 • 3	1975	76.5	24.7	-	25.2	1.776
22	1 • 1	77.2	5.2	29.6	91	32 • °	1969	76.7	24.5	7.7	22.2	1301
23	1 • 3	27.2	4.9	29.4	91	32 • *	1969	77.	21.00	- 1	21.7	197
24	1.2	27.3	5.44	20.7	9.0	32.2	1969	77.1	25.1	74	23.3	1991
25	1.	27.4	• 2	29.6	90	32 • ?	1969	17.5	25.3	7.7	33.5	197
26	. 9	27.2	75.2	29.6	91	72.	1660	76.6	24.9	73	22.2	197
27	1."	27.2	-5 - 3	29.6	92	33.3	1069	76.8	24.0	71	21.7	1050
28	1.1	27.3	^5 • 6	29.8	91	32 • 5	1969	76.5	24.7	-:	21.1	1963
29	1.3	27.4	-5.9	29.9	71	32 - 2	1969	76.6	24.8	5.6	18.9	1970
30	21.5	27.5	35.9	29.9	93	33. 3	1969	77.1	25.1	7.7	21.1	197
31	1.	27.4	5.9	29.9	6.5	33.3	1969	76.9	24.9	71	21.7	197
Monthly	1.0	26 . 7	4 - 3	29.1	93	33.7	1969	75.7	24.3	6.6	13.9	1979

*ALSO ON EARLIER YEARS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

<u> 100 - Best. Fl</u>

STATION NAME

1945-1947 1954-1983 YEARS

MONTH

	MEAN T	EMP		M	AXIMUM TE	MP	Т		N	INIMUM TEN	/IP	
	AVERA	GE	AVERA	GE	EXTRE	ME		AVERAG	E	EXTRE	ME	
DAY	° F	°c	°F	°c	° F	°c	DATE	°F	°c	°F	°c	DATE
1	1.2	27.3	35.4	29.7	9 ?	33.7	1969	77.0	2:.0	78	21.1	1865
2	1.2	27.3	5.4	29.7	93	33.0	1969	77.1	25.1	70	21.1	1060
3	1 • •	27.6	55.7	29.8	93	33.0	1969	77.5	25.3	7.7	22.2	19520
4	11.7	27.6	-6.2	37+1	92	33.3	1469	77.7	25.2	69	20.6	1976
5	1.0	27.7	76.3	30.2	92	33.3	1969	77.5	25.3	73	22.5	1977"
6	1	27.8	66.2	30.1	90	32.2	1975"	77.9	25.5	73	22.8	1975
7	2.1	27.8	36.3	30.2	90	32.2	1975	77.8	25.4	6.8	21.00	1966
8	2.3	27.9	56.6	30.3	91	32 • F	19754	78.1	25.6	73	22.6	1976
9		28.1	6.9	30.4	91	32 • -	1969	78.3	25.7	71	21.7	1965
10	₹ • 2	27.9	₹6.5	30.3	9.7	33.3	1060	78.0	27.6	71	21.7	195€
11	1	27.8	5 h . 6	30.3	92	33. ?	19694	77.6	25.3	71	21.7	1971
12	- 2	27.9	6.7	3^.4	91	32 • 3	1978#	77.7	2 . 4	72	22.2	1026
13	2.3	27.9	6.5	30.3	91	32.4	1975	78.1	25.6	7 4	23.3	1962
14	2.5	28.1	-6.7	30.4	91	32.	1975	78.2	25.7	7.7	₹2•8	1979
15	3	27.4	76.5	30.3	71	32.	1974	78.2	25.7	72	22.2	1972
16	∴ 2	77.0	*6.3	30.2	9.0	32.2	1969*	78.1	25.6	69	20.6	1255
17	2.0	23.2	6.9	30.5	93	33.0	1969	76.7	25.9	75	23.9	1968
18	?•	28.1	6.8	30.4	93	33.0	1969	78.4	25.8	7:	21.1	1955
19	2.9	23.3	6.9	30.5	92	33.3	1969	78.9	26.1	7.5	23.9	19925
20	١٠١	25.4	57.4	3೧.8	94	34.4	1969	78.6	26.0	74	23.3	1964
21	2.9	28.3	7.1	30.6	93	33.7	1969	78.8	2 to 6	73	22.5	1975
22	- 3 - 3	26.5	.7.8	31.7	94	34.4	1969	76.8	74.0	74	27.3	1976
23	3.4	28.7	27.6	30.7	6.3	33. ℃	1967	79.7	24.5	7.7	72.2	1576
24	3.7	25.7	87.7	30.0	94	34.4	1969	79.6	26.4	73	22.8	1976
25	- 4	28 • 5	₹8.1	31.2	75	35.0	1969	78.8	25.0	7	21.1	1787
26	3.8	2A . B	8.4	31.3	94	34.4	1069	79.3	26.3	71	21.7	1976
27	7.7	29.8	8.1	31.2	92	33.3	1069	79.7	26.5	71	21.7	1968
28	4.	28.9	: 8.4	31.3	94	34.4	1969	79.6	26.4	74	23.3	1768
29	4.2	29.1	°8.3	31.3	93	33.0	1969	80.2	26.5	75	23.9	1968
30	5.8	28.8	F8.2	31.2	91	32.9	1975¢	79.5	26.4	74	23.3	1965
31				10.2				- 53 -				10//
Monthly	2.7	78.2	6.9	30.5	٩¢	35.	1769	74.4	25.8	£ 9	50.6	1966

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

 12-50
 REVISEST, FL
 1945-1947
 1953-1983
 JULY

 STATION
 STATION NAME
 YEARS
 MONTH

	MEAN T	EMP		M	AXIMUM TE	MP			М	INIMUM TE	VIP	
	AVERA	GE	AVERA	GE	EXTR	EME		AVERAG	E	EXTRE	ME	,
DAY	°F	°c	°F_	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	3.07	28.7	a 3]	31.1	95	35.5	1969	79.5	26.4	73	22.8	1968
2	3.6	28.7	28.0	31.1	91	32.4	1977	79.2	26.2	74	23.3	1968
3	4 • 1	29.0	98.5	31.4	4 .5	33.3	1982	79.9	26.6	74	23.3	1969
4	4 . 1	29.9	4.82	31.3	ر: 9	33.7	1953	79.9	26.6	73	72.5	1980
5	ور د د	29.1	8.5	31.4	91	32 · A	19753	80.0	26.7	75	23.9	1959-
6	4.0	28.9	98.5	31.4	3.5	33.3	1969	79.4	26.3	75	23.9	1961
7	4 . 2	29 . C	8.7	31.5	94	34.4	1975	79.8	26.6	75	23.9	1966
8_	4.5	29.1	68.4	31.3	93	33.9	1953	80.3	26.8	74	23.3	1771
9		28.9	° 8 • 3	31.3	91	32.8	19774	79.9	25.6	73	22.3	1973
10	4	28.8	£ • 3	31.3	91	32 • F	1977*	79.3	26.3	72	72.2	1966
11	4.	28.9	· 8 • 6	31.4	9.7	33.3	1969	79.5	26.4	72	22.2	1983
12	. 4.5	29.1	8.5	31.6	93	33.0	1969*	79.7	26.5	7.2	22.2	1975
13	4 - 1	28.9	58.6	31.4	94	34.4	1968	79.5	20.4	73	22.8	1979
14	4.2	29.5	^8.8	31.6	92	33.3	1969	79.6	26.4	72	22.2	1959
15	4 . 3	29.1	-8.8	31.6	9.2	33.3	1969	79.7	26.5	72	72.2	1977
16	4 • 1	28.9	28.4	31.3	92	33.3	1969*	79.8	26.6	74	23.3	1980*
17	3.4	28.7	88.5	31.4	91	32. *	1976=	78.7	25.9	73	72.A	1967.
18	4.0	28.9	58.6	31.4	92	33.3	1962*	79.4	26.3	73	22.8	1969
19	4 . 3	29.1	€8.5	31.4	91	32 ⋅ 8	19830	80.1	26.7	74	23.3	1945
20	4	28.9	F8.5	31.4	93	33.7	1968	79.6	26.4	72	22.2	1977
21	3 • 7	29.7	88.4	31.3	9.2	33.3	1969*	79.0	26.1	72	22.2	1671
22	3.8	28.8	c8.4	31.3	91	32.9	1983	79.1	26.2	7.2	22.2	1945
23	3.9	23.8	c 8 • 3	31.3	93	33.9	1969	79.4	26.3	73	22.8	1979*
24	3.€	28.8	8.8	31.6	92	33.3	19830	78.7	25.0	70	21.1	1973
25	14.7	29.3	8.8	31.6	9.2	33.3	1945	80.5	26.7	74	23.3	1977
26	4 . 4	29.1	6.7	31.5	91	32.8	1969#	80.1	26.7	74	23.3	10815
27	4.4	29.1	18.5	31.4	93	33.7	1953	80.3	26.8	75	23.9	1960
28	⁵ ♦ • b	29.2	8.7	31.5	91	32.4	19800	a0.5	26.9	76	24.4	1983
29	`4 ⊕ €	28.9	8.5	31.4	9.2	33.3	1969	79.4	26.3	73	22.6	1953
30	4.1	28.9	£8.5	31.4	91	32.8	19760	79.7	26.5	74	23.3	1975
31	3.7	28.7	8.0	31.1	91	32.0	1980=	79.3	26.3	70	21.1	1970 ^
Monthly	24 • 1	28.9	€8.5	31.4	9.5	35.0	1969	79.6	26.4	70	21.1	1970 -

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

10 FO PET WEST FL

1944-1947 1953-1983

A-DUST

STATION

STATION NAME

YEARS

MONTH

	MEAN TE	MP		M	AXIMUM TE	MP			M	INIMUM TEN	AP .	
	AVERAC	SE .	AVERAC	3E	EXTRE	ME		AVERAG	Ε	EXTRE	ME	
DAY	°F	°c	°F	°c	°F	°c	DATE	°F	°c	°F	°c	DATE
1	4 . 1	28.9	8.7	31.5	93	33.9	1980	79.4	26.3	1	21.7	1971
2	4 . 3	29.1	.8.8	31.6	92	33.3	19750	79.7	26.5	72	22.2	1975
3	4 • 5	29.2	a c . 1	31.7	92	33.3	19800	80.5	26.7	3.	23.9	1974
4	34 + ?	29.D	8.9	31.6	93	33.7	1953	79.4	26.3	72	72.2	1965
5	7.4	28.8	< 8 · 6	31.4	91	32.5	198 +	79.1	25.2	71	21.7	1971
6	4.4	29.1	89.0	31.7	92	33.3	1985*	79.8	26.6	74	23.3	196.
7	14.2	29 • C	84.0	31.7	92	33.3	1975=	79.4	26.3	7.0	21.1	198.
8	4.2	29 ⋅ 0	8.8	31.6	9:	33.3	19690	79.7	26.5	•2	22.2	1977
9	4.3	29.1	87.2	31.0	9.7	33.3	19719	79.4	26.3	69	20.6	1967
10	33.7	28.7	F8.7	31.5	93	33.1	1945	78.7	25.9	72	22.2	1991
11	- 4 - 1	28.9	28.7	31.5	92	33.3	1976	79.4	26.3	7.3	22.6	1966
12	3.8	28.8	· 8 • 4	31.3	91	32.2	1975	79.1	26.2	70	21.1	1969
13	2.3	28.8	₹8.6	31.6	9.	33.3	19750	79.0	26.1	73	22.6	1980
14	4 . (1	28.9	29.1	31.7	93	33.7	1953	79.0	26.1	71	21.7	1967
15	3.7	28.7	88.6	31.4	92	33.3	1963	76.9	26.1	73	22.8	1956
16	4 . 4	29.1	80.1	31.7	92	33.3	1945	79.7	26.5	74	23.3	197
17	4.0	29.2	8.8	31.6	92	33.3	1954	80.4	26.9	75	23.9	19761
18	4.3	29.1	A8.6	31.4	91	32.6	1983*	60.0	26.7	74	23.3	1976
19	4.4	29.1	99.1	31.7	93	33.9	1953	79.7	26.5	74	23.3	1976
20	- 4 . 4	29.2	55.1	31.7	92	33.3	1963=	60.2	26.0	74	23.3	1973
21	4 - 3	29.1	59.0	31.7	93	33.9	1953	79.6	26.4	73	22.0	1975"
22	4.1	28.9	8.9	31.6	92	33.3	1953*	79.3	26.3	71	21.7	1975
23	"4 • D	28.9	8.7	31.5	93	33.9	1953	79.3	26.3	73	22.6	1976 "
24	12.7	28.7	28.6	31.4	94	34.4	1953	78.9	26.1	74	23.3	1965
25	3.7	28.7	8.5	31.4	92	33.3	1953	78.9	26.1	73	22.8	1983
26	67.9	28.8	08.7	31.5	92	33.3	1980+	79.0	26.1	73	22.0	1968
27	3.9	28.8	68.6	31.4	92	33.3	1954	79.2	26.2	74	23.3	1977*
28	3.3	28.5	88.3	31.3	91	32.0	1980*	78.3	25.7	70	21.1	1953
29	. 3.7	28.7	58.7	31.5	93	33.0	1983	78.7	25.9	74	23.3	1793
30	3.4	28.6	P8.4	31.3	91	32. A	1974*	78.3	25.7	73	22.8	1971
31	4 3 . 3	28.5	80.1	31.2	94	34.4	1967	76.6	25.9	73	22.0	1963
Monthly	14.0	28.9	88.8	31.6	94	34.4	19674	79.3	26.3	69	20.6	1967

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

10FT. PEY WEST. FL.

1945-1947 1953-1983

PTE-REP

STATION

STATION NAME

YEARS

MONTH

MEAN TE	EMP		M	AXIMUM TE	MP			М	INIMUM TE	MP	
AVERA	GE	AVERA	GE	EXTRE	ME		AVERAG	E	EXTRE	ME	
=	°c	٥۴	°c	°F_	°c	DATE	°F	°c	°F	°c	DATE
3 • 2	26.4	-7.8	31.0	9.2	33.3	19694	78.5	25.8	71	21.7	198.
3.2	26.4	67.7	30.0	92	33.3	1953	78.6	25.9	74	23.3	1941
3.1	28.3	7.5	30.8	90	32.2	1983-	78.5	25.8	72	22.2	1957
3.00	78.3	18.0	31.1	91	32.1	1983+	78.0	25.6	7'	21.1	1980
-3.1	28.4	97.8	31.0	92	33.3	1970	78.4	25.8	72	22.2	1980
13.5	28.6	28.5	31.4	93	33. ℃	1970	78.5	25.8	71	21.7	1946
3.2	28.4	87.7	30.9	92	33.3	1967	78.6	25.9	71	21.7	1946
12.3	28.5	88.1	31.2	91	32.3	1983+	78.5	25.8	71	21.7	1970
3.6	29.6	6.4	31.3	9?	33.3	1979	78.7	25.9	73	22.5	1959
3.3	28.5	87.6	30.9	91	32 • 2	1970	78.9	26.1	73	22.8	1955
23.3	28.5	98.0	31.1	93	33.7	1945	78.6	25.9	73	22.9	1973
3.1	78.4	E 7 . 7	30.9	92	33.3	1974	78.5	25.8	70	21.1	10510
12.07	28.4	78 . D	31.1	91	32.9	1982+	78.3	25.7	7.	21.1	1969
2.6	26.2	-7.9	31.1	91	32.2	1970+	77.7	25.4	69	20.0	1978 11
13.1	28.3	47.8	31.0	93	33.9	1953	78.2	25.7	73	22.8	1970 >
· ₹.3	28.5	28.2	31.2	9.5	33.3	1971	78.4	25.8	72	22.2	1957
3.5	28.6	98.3	31.3	91	32.8	19830	78.7	25.9	73	22.9	1970
3.3	28.5	P8.2	31.2	92	33.3	1945	78.4	25.6	71	21.7	19762
2.8	28.2	7.6	30.9	90	32.2	1980+	78.1	25.6	73	22.5	1969 .
67.1	28.4	37.7	30.9	90	32.2	1987#	78.5	25.8	73	22.8	1963
2	28.1	7.3	30.7	91	32.8	1946	77.9	25.5	71	21.7	197
72.5	78.1	7.3	30.7	91	32.8	1983	77.9	25.5	71	21.7	1953
2.6	28.1	27.4	30.8	90	32.2	1983+	77.7	25.4	66	18.9	1967
1.8	27.7	86.5	30.3	91	32.0	1976	77.0	25.0	67	19.4	197.
7.	27.8	66.6	30.3	87	31.7	1980+	77.3	25.2	70	21.1	1967
2.0	27.8	96.6	30.3	90	32.2	1960	77.3	25.2	71	21.7	19754
2.5	28.1	27.0	30.6	90	32.2	19870	78.0	25.6	73	22.A	1969
2.5	28.2	26.9	30.4	92	33.3	1980	78.7	25.0	71	21.7	1953
3.0	28.3	27.3	30.7	9.5	32.2	1963#	78.6	25.9	73	22.8	1945
2.1	28.1	7.2	30.7	96	32.2	198 1	77.8	25.4	73	22.8	1981*
							 				
2.0	28.3	7.6	30.9	93	33.9	19700	78.2	25.7	66	18.9	1967
3.	2	28.3	28.3 27.3	2 28.3 27.3 30.7 5 28.1 27.2 30.7	2 28.3 27.3 30.7 90 5 28.1 27.2 30.7 90	2 28+3 27+3 30+7 90 32+2 5 28+1 27+2 30+7 90 32+2	2 28.3 27.3 30.7 95 32.2 1983# 5 28.1 27.2 30.7 95 32.2 1983#	2 28.3 27.3 30.7 90 32.2 1983# 78.6 5 28.1 27.2 30.7 90 32.2 1983# 77.8	2 28.3 27.3 30.7 90 32.2 19834 78.6 25.9 5 28.1 27.2 30.7 90 32.2 19834 77.8 25.4	2 28.3 27.3 30.7 90 32.2 1980# 78.6 25.9 73 5 28.1 17.2 30.7 90 32.2 1980# 77.8 25.4 73	2 28.3 27.3 30.7 90 32.2 19830 78.6 25.9 73 22.8 5 28.1 27.2 30.7 90 32.2 19830 77.8 25.4 73 22.8

ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

 10 50
 26.9 kEST, FL
 1745-1947 1953-1983
 0010569

 STATION
 STATION NAME
 YEARS
 MONTH

	MEAN TE	MP		M	XIMUM TE	MP			N	IINIMUM TEN	AP	
r	AVERA	3E	AVERA	GE .	EXTRE	ME		AVERAG	E	EXTRE	ME	
DAY	° F	°c	°F	°C	° F	°c	DATE	°F	°c	°F	°c	DATE
1_	1.5	27.5	26.1	30.1	91	32.	1978	76.9	24.9	71	21.7	1955
2	3.0	27.8	P6.4	30.2	90	32.2	1977=	77.6	25.3	71	21.7	1953
3	1.9	27.7	36.4	30.2	8.7	31.7	19839	77.2	25.1	72	22.2	1076
4	n 2 • 0	27.8	96.3	30.2	90	32.2	1781	77.6	25.3	73	32.€	1974
5	12.0	27.8	86.4	30.2	17	31.7	19780	77.6	25.3	72	22.2	1967
6	1.0	27.2	25.1	29.5	8 %	31.7	1953	76.9	24.9	70	21.1	1967"
7	1.4	27.4	€5.7	29.8	8.0	31.7	1976=	77.2	25.1	70	21.1	1946
8	1.6	27.6	~5.8	29.7	80	31.7	1981+	77.5	25.3	73	22.8	1979*
9	1.00	27.6	₹6.0	30.0	■ 9	31.7	1981+	77.2	25.1	71	21.7	1967
10	11.4	27.4	25.4	29.7	90	31.7	1963	77.4	25.2	74	23.3	1977 -
11	*5.7	27.1	4.9	29.4	6.8	31.1	1979+	76.4	24.7	72	55.5	1971
12	0.1	26.9	F4 . 6	29.2	89	31.1	1979*	76.4	24.7	45	22.2	1931%
13	0.0	26.7	94.3	29.1	88	31.1	1946#	75.7	24.3	70	21.1	1977"
14	70.3	26.3	3 • 2	28.4	9.8	31.1	1983	75.5	24.2	66	18.9	1977
15	70.5	26.4	23.8	28.8	8.7	31.7	1971	75.2	24.5	66	18.9	1977
16	74.3	26.3	3.4	28.6	89	31.7	1969	75.2	24.0	71	21.7	1954
17	7% . 5	25.9	° 3 • ^	28.3	8 7	31.7	1967	74.2	23.4	67	19.4	1977
18	7 . 8	26.0	-3.1	28.4	87	30.6	1971	74.4	23.6	67	19.4	1977
19	78	26.0	52.8	28.2	87	30.6	1983+	74.8	23.8	70	21.1	1967
20	79.1	26.2	43.2	20.4	91	32 - 2	1960	74.9	23.8	68	20.0	19674
21	70.6	25.9	2.8	28.2	89	31.7	1983	74.4	23.6	65	18.3	1964
22	72.9	26.1	.2.9	28.3	8.7	31.7	198	74.8	23.8	68	20.0	1976
23	75.5	25.8	£2.5	28.1	8 9	31.7	1969	74.4	23.6	69	2 6	1961
24	78.6	25.9	63.0	28.3	90	32.2	1945	74.3	23.5	7.3	21.1	1982
25	76.5	25.9	F2.9	26.3	88	31.1	1945	74.3	23.5	67	19.4	1982
26	77.7	25.4	91.6	27.6	8.6	30 · B	1981-	73.8	23.2	6.8	21.00	1968
27	~7.4	25.2	71.3	27.4	8.8	31.1	1960	73.5	23.1	67	19.4	1957
28	77.7	25.4	P1.8	27.7	87	30.6	1980+	73.5	23.1	60	15.6	1757
29	77.9	25.5	82.2	27.0	88	31.1	1967	73.7	23.2	66	18.9	1957
30	77.1	25.1	81.2	27.3	89	31.7	1987	73.C	22.8	65	18.3	1968
31	76.0	24.9	81.5	27.5	86	30.0	1980*	72.3	22.4	62	16.7	1953
Monthly	79.5	26.4	-3.9	28.8	91	32.3	198 10	75.4	24.1	60	15.6	1757

*ALSO ON EARLIER YEARS

DAILY AVERAGE/EXTREME TEMPERATURES

1 PER SEY SEST, FL

1945-1947 1953-1983

NOVEMBER

STATION

STATION NAME

YEARS

MONTH

	MEAN TE	MP		M	AXIMUM TE	MP				MINIMUM TEN	1P	
	AVERAG	iέ	AVERA	GE	EXTRE	ME		AVERAC	E	EXTRE	ME	
DAY	°F	°c	° F	°c	°F	<u>°c</u>	DATE	°F	<u>°c</u>	°F	°c_	DATE
1	6.8	24.9	80.8	27.1	87	30.6	1972	72.7	22.6	€ 6	16.9	10¢4
2	76.8	24.9	PG . 9	27.2	66	30.0	1972	72.8	22.7	66	18.9	1957
3	76.4	24.7	87.4	26.9	86	30.0	19794	72.4	22.4	61	16.1	1966
4	76.3	24.6	e1.0	27.2	87	30.6	1946	71.6	22.C	54	12.2	1966
5	75.5	24.2	79.6	26.6	8.5	29.4	19794	71.2	21.8	60	15.6	1683
6	74 . B	23.0	78.7	25.7	86	30.0	1972	70.8	21.6	59	15.7	1969
7	75.1	23.9	79.2	26.2	68	31.1	1972	71.0	21.7	60	15.6	1969
8	75.5	24.4	*C.4	26.7	87	30 - 6	1946	71.4	21.9	58	14.4	1969
9	6.4	24.7	80.7	27.1	86	30.0	1977*	72.0	22.2	62	16.7	1976
10	75.7	24.3	80.Z	26.3	67	30.6	1977	73.3	21.8	67	15.6	1956
11	75.3	24.1	79.5	26.4	88	31.1	1946	71.1	21.7	63	17.2	1977
12	*5.0	24.0	79.0	26.1	86	30.0	1972	71.4	21.9	61	16.1	1962
13	4.8	23.8	79.1	26.2	89	31.7	1945	70.5	21.4	5.5	14.4	1968
14	*4 . 3	23.5	78.5	25.8	65	29.4	1987	70.2	21.2	57	13.9	1966
15	74.7	23.4	78.6	25.9	86	30.0	1976	69.8	21.0	54	12.2	1975
16	74.4	23.6	78.5	25.8	84	25.9	1976	70.3	21.3	6.	15.6	1969
17	15.0	23.9	79.5	26.4	85	29.4	1980#	70.5	21.4	59	15.0	1970
18	*5.5	24.2	79.6	26.4	84	28.9	1976+	71.4	21.9	59	15.0	1983
19	15.4	24.1	79.9	26.6	8.6	30.0	1976	70.9	21.6	62	16.7	1968
20	74.0	23.8	79.1	26.2	66	30.0	1976#	70.7	21.5	6	15.6	1968
21	74.3	23.5	78.4	25.8	85	29.4	1976	70.2	21.2	55	12.8	1968
22	74.	23.3	75.4	25.8	85	29.4	1973+	69.7	20.9	59	15.0	1965
23	73.8	23.2	75.2	25.7	83	28.3	1983+	69.5	20.8	59	15.0	1956
24	*3.4	23.0	77.8	25.4	85	29.4	1967	69.0	20.6	51	10.6	1970
25	73.1	22.8	77.5	25.3	84	28.9	1967	68.6	20.3	52	12.0	1977
26	73.3	22.9	78.1	25.6	84	28.9	1967+	68.6	25.3	59	15.0	1966
27	73.4	23.3	70.6	25.9	85	29.4	1976	69.2	20.7	56	13.3	1966
28	70.6	23.7	79.1	26.2	16	30.0	1973	70.2	21.2	55	12.8	1956
29	73.8	23.2	78.2	25.7	86	30.0	1076	69.3	20.7	52	11.1	1959
30	71.0	22.2	76.3	24.6	8 4	29.4	1967	67.5	19.7	50	10.0	1959
31								1				
Monthly	74.9	23.9	70.1	26.2	87	31.7	1945	70.5	21.4	50	10.0	1973

*ALSO ON EARLIER YEARS

T)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

10.5 PEY WEST, FL

194--1947 1953-198

D'CEHBER

STATION

STATION NAME

YEARS

MONTH

	MEAN TE	MP		М	AXIMUM TE	MP			N	INIMUM TE	AP	
	AVERA	3E	AVERA	GE	EXTRE	ME		AVERAG	E	EXTRE	ME	
DAY	° F	°c	°F	°c	°F	<u>°c</u>	DATE	°F	°c	°F	°c	DATE
1	7.	21.6	74.6	23.5	84	28.9	1977	66.3	19.3	5,5	12.8	1957
2	71.5	21.9	75.4	24.1	84	28.9	1978=	67.6	19.8	5.7	13.9	1963
3	72.5	22.5	76.6	24.7	84	28.9	19830	68.2	20.1	57	13.9	1959
4	72.1	22.3	76.3	24.6	84	28.9	1978	67.0	19.9	57	13.9	1959
5	71.3	21.8	75.9	24.4	84	28.9	1972	66.8	19.3	5.2	11.1	1969
6	72.0	22.2	76.8	24.9	8.5	29.4	1978	67.2	10.6	57	13.9	1968
7	71.8	22.1	76.2	24.6	8.5	29.4	1978	67.4	19.7	57	13.9	1977
8	12.1	22.3	76.5	24.7	8.5	29.4	1978	67.7	19.8	59	15.3	1959
9	*7.2	22.3	76.7	24.8	84	28.9	1977	67.6	19.B	5.8	14.4	1976
10	71.0	21.7	75.3	24.1	84	28.9	1969	66.8	19.3	56	13.3	1962
11	71.4	21.9	76 - 1	24.5	8.3	28.3	1976+	66.8	19.3	F 1	1 .6	1962
12	7.1.8	21.5	75.7	24.3	84	28.9	1953	66.7	18.9	46	7.8	1957
13	3. ℃	21.6	75.7	24.3	8 5	29.4	1976	56.3	18.9	47	6.3	1962
14	1.7	22.1	76.2	24.6	86	30.0	1972	67.3	19.6	5 0	10.0	1969
15	71.4	21.9	76.2	24.6	8.7	29.4	1972	66.7	19.3	47	Ç.4	1969
16		21.2	75.0	23.9	82	31.7	1977	65.4	18.6	4.6	8.9	1968
17	79.4	20.8	74 - 2	23.4	8.3	28.3	1971	64.0	18.1	9.7	8.3	156 é
18	40.5	20.8	74.2	23.4	83	28.3	1967	64.8	18.2	53	11.7	1973
19	57.7	20.9	74.7	23.7	83	28.3	1969#	9.00	18.2	51	10.6	1981
20	7 C • D	21.1	74.9	23.8	83	28.3	1946	65.2	18.4	49	9.4	1991
21	69.9	21.1	74.8	23.8	83	28.3	1946	65.C	19.3	53	11.7	1981
22	45.1	20.6	74 . D	23.3	82	27.8	1983+	64.2	17.9	< 1	10.6	196
23	59.5	25.8	74.7	23.7	83	28.3	1978	64.3	17.9	51	10.6	1977
24	49.3	20.7	73.8	23.2	82	27.6	1978	64.8	16.2	51	10.6	1967
25	55.9	21.0	74.5	23.6	12	27.8	1978*	65.1	18.4	49	9.4	1083
26	68.5	20.3	73.4	23.0	83	20.3	1978	63.6	17.6	44	6.7	1983
27	63.4	20.2	77.8	22.7	81	27.2	1974+	63.7	17.6	49	9.4	1983
28	70.4	21.3	75.4	24.1	83	28.3	1978	65.4	16.6	53	11.7	1976
29	71.2	21.6	75.9	24.4	8.3	25.3	1946	66.4	19.1	55	12.8	1980
30	75.7	21.6	75.6	24.3	83	29.3	1045	66.1	18.9	55	12.8	1983
31	1.6	22.0	76.3	24.6	82	27.5	1982-	66.9	19.3	53	11.7	1983
Monthly	71.07	21.5	75.3	24.1	89	31.7	1977	66.D	13.9	44	5.7	1983

*ALSO ON EARLIER YEARS

EXTREME VALUES

MARTMEN TEMPERATURE

STATION

STATION NAME

53-

YEARS

SHOLE DEGREES FAMPENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
							~ 3	24	3 !	80	15	84	
	81	e 1	րդ	8.6	9 1	9:	\$2	32	es	56	8.2	7	42
5	8.2	71	£ 3	23	27	84	89	9	98	86	9.2	81	3 7
51.	7 %	9.7	91	5.3	P 6	AB	7	8.2	9.	16	F Z	رَ بِ	9.^
5 7	2 1	2.2	3.9	8 4	. 7	6.9	٥	9 }	r 8	5.8	2.5	78	7 !
	77		₹2	9 द	8.8	90	១៥	c <u>1</u>	9	9.5	9.6	83	÷ ;
, 1	21	n 3	∴8	9.4	17	8.6	99	87	89	A B	P 5	8 .	8.0
1	3 Z	ϵ_{1}	9.2	0.3	€ 8	ę.	71	σŗ	90	8.9	£ 4	4.5	3 1
1	6 1	P 1	F 4,	9.5	89	21	A S	6 ()	89	€ 8	24	F 2	7 1
2		8.1	7.3	62	+ 5	89	92	٥.	91	89	4.2	9.1	6.5
3		2 .	<i>p</i> a	94	4,7	9.2	Q -	0	71	Rt	~4	9.2	
- 4 I	81	1	8.4	8.5	96	9	იუ	ე _	7.	8.8	G 44	9.7	•
۲.	8.2	3.3	2 6	90	6.0	91	9.2	6.2	5.8	87	35	8.2	
6	P.C	1	ė 1	83	. n 8	P 3	c	0.7	6.1		ે 4	91	
6 -	. 2	3.	7 8	85	25	93	c 1	74	9.7	9	9.5	33	74
i l	1	15	87		ុង	2.2	~ 4	2.1	7	3.6	0.5	8.3	
٠,	4.4	4 (*)	3.4	8.3	0.3	95	75	₹;	5.2	80	£ \$	84	3,
	£ ;	7.3	34		P5	91		f:	93	E7	2.4	4.1	
}		71	8.8	88	26	90	:1	35	3.5	60	FE	B 44	3.
	5	8.7	_8 %	8.5	8.8	φ,	61	31	٤1	58	ಿ &	36	3 (
. 3	⊬ 3	0.7	3.4	8.8	90		91	5.	¥0	8	2 6	9.2	è 1
	9.2	27	63	86	89	91	91	0.7	92	37	F 4	2.2	5.7
• 5	4.3	9.5	89	8.8	91	91	0	97	91	8 9	9.6	# 1	74
76	81	8.2	34	87	39	89	0.1	9.5	6.5	89	6.6	35	<u> </u>
77	62	8.3	87	87	89	91	91	6.5	9,	90	۶ 7	89	; -
7.3	F 🦫	* <u>1</u>	82	89	89	91	?5	91	9.2	91	86	85	97
71,	81	F ?	9.2	9.6	97	89	32		9.0	é Ø	7.6	62	45
	c 3	9.2	8.5		39	31	65	93	25	91	85	86	
1	75	R `	82	ЯŢ	۶ و	92	20	7.1	91	40	8.4	5.7	9.7
	- 4		85		38	89	92	26	91	<u>.</u>	9.4	93	g n
MEAN	11.2	11.5	4.2	5.9	85.3	9	11.1	71.4	6	88.3	14.7	55.2	71.8
\$. D.	7.077	1.713	2. 77	7.111	1.037	1.590	1.505	1.217	1.4.4	1.421	1.466	2.24	1.26
TOTAL OBS.	8 7 9	519	879	810	699	57A	8.5.⊕	937	7.00	199	٥, د	940	1065

EXTREME VALUES

ME-INUM TEMPERATUR
(FROM DAILY OBSERVATIONS)

STATION STATE

STATION NAME

- ; "

YEARS

HILE DEGREED FAHRENHEIT VARIED ON LESS THAN FULL MONTHY

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
6										9.7 30			DAYS
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							1						Day J
MEAN													
8. D.									<u> </u>				1
TOTAL OBS.		T											1

EXTREME VALUES

HINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION

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- 5.3 -- 3.3

VFARS

WHILE DESPEES FAHREWHEIT

MONTH	JAN,	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
. 1							- 3	7.	-1	62	- 0	7.5	
4	- 5 5	6	5.7	69	69	7.3	74	74	72	1.9	1.3	54	5.4
5	. 4	40	58	7	70	69	73	77	74	6.8	63	<u> </u>	4.7
e .,	٠ 4	61	: 5	64	7'	71	73	7 3	71	71	1 6	57	. 4
4.7	E 7	8,5	6.0	70	71	75	76	74	71	5,	4.6	46	4-
E.	L	4 ;	57	64	69	72	75	7.4	7.2	7	7.7	5 h	4
	1	. 7	56	62	71	73	72	75	73	73	5	27	, .,
	•	5.3	€ 5	63	6	74	75	73	7.2	74	67		5
: 1	5.3	e Ç	5.8	54	68	7.	75	77	74	59	46	5.1	51
	<u>, 4</u>	5 Ç	60	63	68	74	76	73	73	69	5 6	47	9.7
	47	6.5	6.1	66	69	72	٠,5	75	7.3	64	56	5.2	: ·
- 1	4.7	5.2	£.3	66	73	74	75	7.5	75	65	6.8	1.0	4 -
÷		K 4	\$6	7:	מי	71	7.6	7:	75	7	1.5	6.0	. *
6	46	\$ 7	5,9	65	71	6 a	72	73	7.2		7.4	49	
6.7	>3	5 0	50	74	76	75	73	65	5.6	6 A	# 1	61	
<i>a.</i>	3	Ŗ 4	51		.6	75	7 -	73	74	65	5.5	47	
	1	47	5.2	67	69	73	73	70	68	7.5	e a	49	F 2
<u>·</u>	• :	4	56	46	46	71		7 2	67	71	-	K.	
1	4 4	£ 3	56	5.9	1	71	72	71	74	72	15	66	£ 2
	51	₹ €	54	65	71	72	75	74	73	75	15	5.5	٤, %
: [5.5	•	6.1	65	7.3	75	73	73	7.5	60	+ 3	53	51
7 4	70	- 1	62	54	6.9	72	76	75	76	71	4.3	9.7	- 1
7 5	57	F 1	62	6.9	73	73	72	71	73	71	7.4	54	. 4
٠.	10	57.	64	54	72	69	75	73	73	6.9	8.3	₹3	• *
.7	46	ιŞ	59	66	70	73	72	7 %	74	66	5.9	51	45
7	1.2	e ,	56	66	71	74	74	76	5 B	72	55	65	5 1
7.	54	51	6.11	67	16	73	73	75	74	73	40	6.0	51
	<u> </u>	\$ ^	47		59	70	73	7 C	70	72	* 6	54	
1	43	E	57	7:	69	75	73	*.	77	71	63	49	9.3
1.2	- 51	6.1	_61	7	71	72	75	7.5	72	6.7	E 3	55	\$1
MEAN	12.3	54.3		46.1	69.8	72.3	73.7	73.2	72.	69.3	50.7	54.4	49.8
\$. D.	5.31	5.470	3.459	3,27:	2.156	1.032	1.7 3	2.058	2.414	3.38"	5.333	3. 7.2.	3.00
OTAL OBS.	8 4 9	819	899	R ! 7	899	170	899	937	900	199	9 1	946	10654

# 1	

EXTREME VALUES

MINIMEN TEMPERATOR

STATION

STATION NAME

53**-**-(

YEARS

AHTLE DEGIEES FAHRENHEIT VRAITE ON LETS THAT FULL MONTHS/

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
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							1:						LVA.
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													<u> </u>
MEAN													
8. D.										Ĭ			
TOTAL OBS.		L											I

TOTAL TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 *16 -26 111 331 14" 1. 115 1. 3 13

WET BULB TEMPERATURE DEPRESSION (F)

Element (X) No. Obs. Mean No. of Hours with Temperature ≥67 F ≥73 F 97 98 254 02 3 05 27.0 24/4 . 4 . Dry Bulb 74 • , 219.0 **Dew Point**

STATION			<u> </u>		TATION NA	MC			'					¥	EARS					, po	RTH
																		,			(L S Ť)
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10				DEPRESS		21 - 22	23 - 24	25 - 26	27 - 28 29	2 - 30	± 31	TOTAL D.B./W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Po
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Element (X)		$\Sigma \chi^2$			Σχ		X	$\sigma_{\rm x}$		No. Ob					Mean No	of He	ours wit	h Tempera	ture		
Rel. Hum.			4 15		. 771			1		7.7 5		± 0 ₽		32 F	≐67 F		73 F	≥80 F	≥ 93		Total
Dry Bulb			7:77		5:11		0	6.		275					41'0		7.7	32.			177.
Wet Bulb			; 34		4 , 5		7.9	1.7		26	5 5.				2370		4,0		-		47.
Dew Point		7	7717	<u> </u>	3300	7		å •	23	229	6				135.5		Ç , A	L	<u> </u>		672.

STATION				1	STATION NA	ME								,	EARS					HO	NTH
																					LST
Temp.											SION (F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 2	2 23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
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ment (X)		Σχ²	L		Σχ		X	σ _x	Ь	No. Of	<u> </u>	Ь	1	<u> </u>	Meco	No. of	Hours w	ith Tempera	ture	1	
el. Hum.			1 :	+ -;	~ x	4	<u>, </u>	. · ·		No. U	\rightarrow	± 0	£	≤ 32 F	± 67		273 F	≥ 80 F	≥ 93	F	Total
		<i>:</i>				-								- 72 ,	1.		97.7				4,
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ry Bulb (et Bulb w Point		12		<u> </u>		1	•		· :							• t 1		11 .	•		

						-	WET BU	I TEMP	ED A TIED	DEDBES	SION (5)							1			(LST)
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7.8							21 - 22	23 - 24	25 - 26	27 - 28	29 . 30	231	D.B./W.B.	Dry Bulb	TOTAL Wat Builb	Dew Po
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lement (X)		Σ_{χ^2}			Σχ	\vdash	<u>V</u>	σ _x		No. Ot))				Mean	No. of	Hours wi	th Tempera	ture		
Ref. Hum.			7 36			* t	7.5	3 .	4 3		1.0	±0 F	5	32 F	≥ 67 F		≥73 F	= 80 F	± 93	F	Total
Dry Bulb			2 11			1 7	7.	7 . 5	5 2						718		25.0	186.	7	\Box	
Wet Buib		11 5		1	5 - 7 *	?	7.1	!	1 Ag	2.4					7.34	, 3	84.5				•
Dew Point		1 74	2707	1	5/27	6			5 0	. 4	2.7				773	4	51.				770.

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STATION				-	STATION N	AME									EARS					HO	NTH
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Temp.										DEPRESS								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.8.	Dry Bulb	Wet Bulb	Dew
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lement (X)		Σ _X 2	<u> </u>		Σχ	\top	X	σ _x	Ή-	No. Ol	58.	-			Mean No	o. of Hour	with Tem	peral	lure		 -
Rel. Hum.	.,		3-13		7 (7	· • 3		2		٠:	±0 F	1	32 F	≥67 F	≥73		0 F	≥ 93	•	Total
Dry Bulb			4] - 2		4 ! 1		5.	i4 .	7:	, a	1.				6 "5 6"			• •	3		-
Wet Bulb			7. 7.4		64.1	દ	7.	•		2 .					•			• '			•
Dew Point			1:2	1	5 4:	4 .	5.1	5 .	e	2.	2.3		T		13.	140	• *	• *	·	T	- : ñ.

STATION	-	ξ. '		•	TATION NA	# E								Y	EARS						NTH
																				HOURS	(L S T)
Temp.										DEPRES								TOTAL		TOTAL	
(F)	0	1 · 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	35 - 26	27 - 28	29 - 3	0 ±31	D.B./W.S.	Dry Bulb	Wet Bulb	Dew Po
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		1	-	7.4	•	1.	• 2	• 1	•	†	_	 					1	-2	256	788	
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lement (X)	-	Σχ2	.165	 .	Σ _χ	, .	7.9	σ _x		No. Ot		±0 F	т.	32 F	Mean ≥ 67		Hours wi	th Tempero	_,	. 1	Total
Rel. Hum. Dry Bulb		- 3		1 1	7 NG		2.0			- 24		- 0 F		Ja F			39.7			` -	10101
Wet Bulb		1 6			9-1-22		5 . 1	5.	-	24			_		*:		67.7				7. 4
Dew Point			\$ 59"		5 2 2 3		1.4	0.1			7 3		-t-	1.	232		54.2	 	1		7.4

Temp.							WET BU	LB TEMPE	RATURE	DEPRES	SION (F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.		Wet Bulb	Dew Poin
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lement (X)		$\Sigma \chi^2$			Σχ		X	σ _χ		No. O	bs.					_		ith Temperat			
Rel. Hum.												±0 F	:	5 32 F	2 67	F	≥73 F	≥ 80 F	± 93	-	Total
Dry Bulb	ļ																	 			
Wet Bulb	 			!									-					 	+	+-	
Dow Point	1			<u>1 </u>				.	L_									<u> </u>			

STATION					STATION NA	W E						•		*	EARS	.,				į .	11 5 7
							WET BU	IR TEMP	PATUE	DEPRES	SION (E)									TOTAL	
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	231	TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Po
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lement (X)		Σχ2		_	Σχ	-	X	σ _x		No. Ot			.					th Tempera		-	
Rel. Hum.	!		5.5		974 <u>1</u> 5176		7.4	7		202		± 0 F	- :	32 F	≥ 67		≥73 F	280 F	≥ 93		Total
Dry Bulb		- 1									1	_	-+-		7 4 1	• <u>J P ·</u>	450	A706.		-+-	7600
Wet Bulb	<u> </u>			1 .	64 17 65 77	, 	•	4.,7		232	24			-	714	• • • •	-00:	71.	-		
Dew Point	1	14	<u>0127</u>	l	8	<u>: L:</u>	7.3	•	<u> (</u>	192	<u>}₩</u>				F / J 4	• 3 5 4	1704	1 1/0	•		760.

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TRY-FULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

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77-82

STATION			•	TATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	67.0	67.3	71.9	74.8	77.7	8 . 9	87.	81.9	.1.2	77.6	73.4	69.	75.4
n	S. D.	5.770	6.085	4.605	2.925	2.61	1.836	1.599	1.86	1.823	2.944	4. 38	5.725	6.7"
	TOTAL OBS	307	252	310	300	310	3.0	317	ي د د	300	110	300	*1.	365
	MEAN	6.	66.4	71.4	74.2	77.1	80.2	81.5	81.4	2 . 7	77.~	72.0	58.7	74.3
ļ	S. D.			1						_	1	4.176	6. 34	6.79
	TOTAL OBS	3^3								1	1		1 6	365
	MEAN	6.3	66.	71.2	74.7	79.5	81.5	F2.6	82.D	£1.2	77.0	72.4	60.4	75.
	\$. D.	_			3.086	2.695		I		1.767	3-019	4.444	6.256	7.70
	TOTAL OBS	329				310		1					1 8	365
	MEAN	73.7	70.3	76.1	79.3	22.2	84.9	F6.1	86.	85.4	81.7	76.9	72.5	70.
ļ	S. D.				3.027			1		-		-	6.568	7.30
	TOTAL OBS	302												3 + ⊕
	MEAN	13.3	7.5	33.0	20 6			07.0	39.	24 *	03.0	70 (74.3	8 =
	MEAN S. D.	- •	72.4	_		83.4		87.1	R7.1	86.3		70.6		
٠ .	TOTAL OBS					1				1			6.493	7.1
	TOTAL OBS	3 9	792	310	370	310	300	310	310	300	310	300	310	<u>30</u>
	MEAN	1.7	71.7	77.2	9 D . 1	6 3 · '.	85.6	86.8	86.5	85.6	92.2	77.7	73."	80.
	\$. D.	7.441	6 27	4.934	2.917		2.476	2.33	2.341	2.753	2.972	4.475	5.886	1.95
	TOTAL OBS	300	28 2	310	300	31	300	310	31 0	300	310	350	710	34 c
	MEAN	65.5	62.5	73.6	76.6	79.8	82.9	24.2	83.8	82.7	79.1	74.6	71.5	77.1
	\$. D.	6.859	6.123	4.647	2.779	2.645	2.220	1.744	2.012	1.949	2.751	3.997	5.429	6.47
	TOTAL OBS	313	292	310	300	310	300	310	310	300	310	300	309	367
	MEAN	67.6	67.5	72.6	75.3	78.7	81.5	82.8	87.7	81.7	78.2	73.9	69.7	76.1
•	\$. D.	7 ? 2	5.796		2.740					2.021	2.841	3.952	5.479	6.71
	TOTAL OBS	310			300				1				. 11	365
	MEAN	5 × • 7	68.8	74.0	77.0	80.1	32.9	84.1	83.9	23.1	79.5	75.0	70.9	77.4
ALL	S. D.			-	3.865								6.3+3	7.13
HOURS	TOTAL OBS	74 74			2400						2480		10	292

THE USB TEMPEDAT BUSINES F FROM HOURLY DRSERVATIONS.

17 The Property FE

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HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	אטן.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	2.7	62.2	66.5	6R.	71.8	74.9	78.5	75.9	75.9	72.3	65.5	64.3	7
	S. D.	7.679	6.655	5 . 2 3	3.030	3.265	1.482	1.343	1.715	1.523	3.438	5.785	6.645	6.57
	TOTAL OBS	3^9	202	31	370	317	300	310	310	300	310	370	319	3 5 € 1
	MEAN	2.3	61.5	66.2	68.3	71.5	74.6	71.7	74.6	75.7	72.4	62.5	64.1	69.7
l	S. D.	7.669	6.687	5.344	4.130	3.2 2	1.665	1.444	1.347	1.48	3.391	5.120	6.758	6.757
	TOTAL OBS	300	? = Z	310	370	31"	300	310	310	300	310	300	717.	3651
														i
	MEAN	2.1	51.6	66.1	- 1		75.4					63.2	1	69.9
·	S. D.	'.773	6.750	1 . 5 2 5	4.100	3.153	1.709	1.297	1.375	1.389	3.457	5.329	6.740	7. **
	TOTAL OBS	3 . 3	7 5 2	310	17.0	310	300	301	310	300	310	299	31	7640
												·		
	MEAN	4.1	63.6	68.2	7".1	73.5	76.4	77.0	77.3	77.5		70.1	3.66	71.4
	S. D.	7.974	7. 74		4.137	3.73	1.820	1.425	1.530	1.61	_	5.456	6.025	6.647
	TOTAL OBS	3 " (2	31	370	310	300	309	217	300	110	300	310	3 - 5 "
										·				
	MEAN	5 • €		62.6		-	75.7					7.6	66.6	77.01
:	S. D.	7.874			3.956	3.071	1.696	1.446	1.451	1.865		5.197	1 .	6.54
	TOTAL OBS	3 ' 3	. 2	310	300	310	300	30:	31.	300	310	300	10	365
	MEAN	4.,		51.5	70.7	73.9			77.5			7 .1	66.1	
	S. D.	7.639			3.939	3.043	1.704	1.325	1.436	1.626	3.396	5.089	6.323	
	TOTAL OBS	• 0	2 . 2	31	3 : 0	310	300	310	310	300	310	300	316	3
	MEAN	₹	62.7				75.4				72.7	60.0	, - ,	70.4
	\$. D.	7.508	6.515	5.329	3.999	3.232	1.664	1.274	1.326	1.674	3.363	,	: '	6.520
	TOTAL OBS	310	2 2	310	3 '0	31	300	310	310	300	317	31.0	704	3 - 51
	MEAN	-2.0	62.3			72.2		75.8	76.2		72.5		64.7	71.
7	\$. D.	7.377	6.3.6		3.877							4.974		6.676
	TOTAL OBS	31::	2 2	3:0	7 00	310	300	310	310	300	310	310	379	3613
ALL	MEAN	: 3.4	62.0	67.3			75.6		76.5	76.6		90.3		70.7
HOURS	S. D.	1.742		5.451						1.772				6.740
	TOTAL OBS	24 74	2256	24.81	2400	2480	2400	2477	2480	2400	2480	2309	2478	292~4

DE -FOILT TEMPCHATURES DEG E FOOM HOURLY ORSERVATIONS

17 - 13-07

STATION			S.	TATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ANNUAL
	MEAN	7	59.0	67.7	65.2	63.9	72.4	72.7	77.4	73.7	69.6	64.2	6:01	67.
••	S. D.	.154	2.171	6.565	5.279	4.343	2. 48	1.649	1.575	1.813	4.3 7	6.576	8.71	7 5
	TOTAL OBS	3 9	- 2	310	370	310	320	310	31	300	31)	300	1.	7
												<u> </u>		
	MEAN	• 5	50.7	6 • 1	64.7	5:. 3	72.3	72.6	73.3	73.6	70.1	56.1	61.1	67.
	\$. D.	1 1 7 3	8.127	6.5°7	5.493	4.213	2.066	1.755	1.551	1.774	4.261	4.447	8.271	7.75
	TOTAL OBS	3	^ 2	31	3	310	300	310	310	300	310	300	310	<u> </u>
				-						• •		4 5 0		
	MEAN	. 3	50.4	£ .	65.2	67.5	1	73.1	73.6	74.0	70.1	5.5.P	6C.°	67.
	\$. D.	204		i		1	2.156		1	1.685	1	6.612	1 1	7.85
	TOTAL OBS	3.70	. 2	313	3.0	31	300	310	11.	300	310	700	1.	354
	MEAN	0.2	50.2	63.F	65.3	6: 9	72.9	27.3	73.9	74.4	7 .7	56.5	67.	67.7
	S. D.	• 91	-	_		-	2.332			1.994	-	1	1	7.
	TOTAL OBS	300	2						716			30.7		3
	TOTAL OBS			312	7.00	310	3.10	3	210	31.0	31		- 3 - 4	 -
	MEAN	4	50,4	67.0	65.4	69.7	73.0	73.3	74.0	74.4	70.6	66.4	62.3	67.7
1	S. D.	527	8.711	6.592	5.727	4.306	2.162	1.680	1.027	2.179	4.442	6.677		7. 55
	TOTAL OBS	•	222	31	300	310	310	307	310	gha			. :	35.5
	MEAN	0.1	59.3	63.6	65.2	60.€	77.8	73.2	77.8	74.1	7' • 1	the:	61.5	67.
	S. D.	*.471	2.448	6.949	5.700	4.373	2.197	1.662	1.740	2.146	4.432	6.643	8. 5	7.5
	TOTAL OBS	3.7.0	2:2	310	פרנ	310	3 .0	31 J	315	370	310	370	312	3.5
												<u> </u>	•	
	MEAN	7	58.5	63.0	64.7	6.09	72.2	72.5	73.2		69.6		61.7	67.
	S. D.	271	8 22	6.236	5.637	4.450	2.230	1.661			4.40		8 29	7.67
	TOTAL OBS	310	?:2	310	31.0	310	300	310	310	300	310	300	379	36.7
												4.4		
	MEAN	59.6	58.8			6 . 1		72.8		73.7	1			67.1
*	S. D.	- 983	8.106		_		2.178					6.461	14	7.67
	TOTAL OBS	310	2,5	313	3 ^ (1	310	300	310	310	360	310	323	309	300
	MEAN	17.00	59.0	67.4	65.1	6:03	72.6	72.9	73.6	71.0	7~.1	66.1	61.4	67.
ALL	\$. D.						2.194						1 - 1	7.77
HOURS	TOTAL OBS		2256				2400			2430				:92
	IOTAL OBS		7770	74"	2400	2 4 30	2400	(() ()	2450	2430	440	5 2 A A	44/5	. 4 2

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MONTH

141

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENT	AGE FREQUEN	CY OF RELATIVE	HUMIDITY GR	EATER THAN	-		MEAN	TOTAL NO. OF
MUNIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
,		: 10.3	1 ~.3	100.0	1 5.	.9.4	09	76.7	4:6	4.5	77.9	\$
		137.5	1 0.79	160.7	1:0.7	110.	73.9	7: .3	40.9	7.4	7:.=	3.
		107.7	100.0	160.0	1 0.7	59.7	94.5	-1.2	44.5	9.4	79.r	3
	,	1:7.5	100.0	105.1	1'0.0	√8 • 1	H5 .3	53.7	10.1	7.3	71.2	3 '
	i	100.0	100.0	99.7	99.4	95.4	73.1	3 E .	£ . 4	. €	67.1	3
		.gr.o	1 10.0	ica.r	110.5	18, 0	74 . E	17.9	1 . ,	1 . 4.	67.5	3 7
			100.0	100.7	19.7	38.7	90.5	65.0	27.1	د ٠ ـ	73.8	3 ; .
	·	: `•r	100.3	100.0	"9.7	92.7	94.2	77.3	7 1	7.0	76.3	3 '
				 			-	 				
		 		+	 	-	ļ <u> </u>					
							-					
101	TALS	130.0	17 .0	100.0	9.9	7F.4	R7.5	67.1	₹ . ₽	0.	73.9	24-4

RELATIVE HUMIDITY

1		. :	•	٤	5	٠	E	•			
	 	_	_	 			 		 	 	

+ € 8 MONTH

TION STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN		_	MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
r fr	•	131.0	100.0	100.0	^9.6	98.6	9 .2	71.5	41.	4.4	76.7	3-2
		10 •0	170.0	100.0	9.6	98.7	92.6	75.9	45.4	7.9	77.5	2 - 2
ı	-	190.5	1~0.C	100.1	100.1	.9.3	94.3	75.9	45.	٠, ٩	77.4	2 € 2
		100.5	100.0	100.0	9.6	24.7	79.4	46.1	14.5	1.9	66.8	2 ' 2
	: '	100.0	100.0	100.0	8 • 2	91.5	65.A	27.3	7.5	1.1	64.4	21.2
		· · · · · ·	170.0	100.0	0,1 , 9	89.4	66.3	31.6	9.6	. 4	45.3	2 . 5
		100.c	1 10.0	130.0	100.0	16.5	8 •2	56.2	22.3	.7	71.9	2 - 2
	;	100.0	100.0	100.0	170.0	17.5	68.7	66.0	13.0	2.5	74.2	2 ° 2
					 		-				-	
			-	-								
						 	-	-				
TO	TALS	100.0	100.0	100.0	9.5	95.7	82.9	56.5	27.4	2.5	71.9	2251

-70.

RELATIVE HUMIDITY

1 - 1 - 157. Et

ON STATION NAME

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENT	AGE FREQUEN	CY OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
:	·* :	100.0	100.0	130.5	100.0	100.0	7:.4	71+3	30+3	1.5	74.8	310
	: .	101.1	1 10.0	138.0	110.0	79.4	94.7	73.2	35.7	1.6	75.6	310
	-	100.0	170.0	107.0	1 0.0	.9.4	91.3	71.9	39.7	7.6	76.5	31
		100.0	100.0	100.9	100.0	5 • P	72.6	35 • 8	5.2	•6	66.5	3 ! .
	1	100.0	168.0	100.0	19.4	39.4	58.7	19.7	1.6		12.5	31
	!	102.0	170.0	100.0	9.0	12.5	62.9	23.0	1.6	• 3	63.6	3:
	• :	110.0	110.0	150.0	100.5	8.	83.5	50.6	12.6		70.5	31.
	7	1	100.0	160.0	170.0	99,4	91.5	65.5	27.1	1.0	73.5	31:
				 	 	-		-				
TO	ALS	107.0	100.0	160.0	9.3	96.	80.6	51.5	19.2	. ,	7 .3	24 ::

RELATIVE HUMIDITY

1 MTC FOR SEST, FL

STATION NAME

PER100

. P ..

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MUNIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
	:	1 0.n	1.0.0	100.0	1.0.0	-5.	21.7	:1.7	21.	.7	72.6	3 3
		10 •0	100.7	100.5	170.0	19.7	7 .7	56.3	24.7	.7	73.3	30
		100.0	100.5	100.0	1 0.0	.9.3	9 .5	63.3	23.	1.	72.8	3 0
		100.0	100.0	100.3	29.3	87.3	57.3	27.60	2.7		5	3 0
	1,	100.0	196.0	100.0	7.7	86.0	47.3	12.7	1.7	.,	6 .0	2 0
		107.0	100.9	100.0	.7.7	97.7	52	12.3	1.		6 . 9	3 '0
		110.0	170.0	79.7	99.5	26.3	79.5	40.0	5.7		67.0	3 10
		100.0	100.0	100.0	1 0.3	79.n	F7.3	54.7	11.0	• 7	75.7	3 '0
		 		 							-	
TO1	TALS	ion.a	100.0	100.0	.9.7	94.5	74.5	41.4	11-4	.5	67.5	24 0

RELATIVE HUMIDITY

4.5

17 77 - V19 3557, FU

17-57

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL NO. OF
MONIH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	60%	90%	HUMIDITY	OBS.
7.9	e 1	100.0	10000	100.0	100.0	79.4	93.5	72.	22.3	?•0	74.6	310
	٠.	101.5	170.0	100.0	1000	₹9.7	93.9	31.	28.4	1.5	76.5	310
	**	100 . 0	110.0	105.1	100.0	19.7	92.9	72.0	21.3	2.6	74.3	3
	. •	100.0	100.0	10men	100.3	6.9	73.7	32.5	4.2	.6	65.9	*1
	1	130.0	160.0	100.0	9.7	72.7	70.6	19.4	2.6	• 3	64.	21
	1	1 ^.^	100.	100.0	9.7	94.2	71.0	20.3	2.5	• 5	64.4	3:"
	, .	100.0	1 0.0	100.0	1.9.7	78.	A3.5	51.7	19.0		60.7	31
	1	100.0	1000	190.5	100.0	.9,4	97.0	67.4	1 . 2	1.7	72.5	31.
·	<u> </u>			-							-	
701	rals	יפחפי	100.0	100.0	9.6	¥7.5	84.3	52.2	13.4	1.5	75.4	24 31

RELATIVE HUMIDITY

17770 - REY -E5", FL

STATION NAME

23-32

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUEN	CY OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
	:	100.7	100.0	100.0	100.0	100.0	99.:	86.7	16.0	• 3	75.7	3 70
		16 .5	120.0	100.5	1 0.0	100.0	99.3	97.7	2 7	2.0	77.1	300
	~	100.0	100.0	100.	100.0	100.0	99.3	77.7	16.3	1.7	75.2	3 - 0
		100.7	100.0	100.0	100.0	9.3	97	25.:	5.7	1.0	67.7	3.0
	1 '	100.0	100.0	100.0	100.0	19.0	84.0	19.0	3.7	1.0	65.8	3.0
	•	100.0	100.0	100.0	100.0	.9.7	84.3	15.7	4.2	•7	65.9	3^0
	: -	100.0	1 יב.0	100.0	100.0	100.C	26.7	41.3	8.7	.7	7 .4	3 C
	: 2	1 10.0	100.0	107.0	100.0	19.7	99.0	74.0	10.3	.7	74.0	3^0
		<u> </u>	 	<u> </u>								
701	ALS	100 . n	100.0	100.0	1 0.0	79.7	94 - 1	53.8	11.0	1.0	71.5	2470

RELATIVE HUMIDITY

A total - MEY WEST, FL

13-87

JL

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	CY OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JUL	į	100.0	110.8	100.0	1"0.0	1 n.o	29.4	74.2	7.1		73.5	310
		1: 7.7	100.0	100.0	1/0.0	100.0	99.7	80.0	10.3	• 3	74.6	311
		100.0	10.40	100.0	100.0	100.0	99.7	65.7	7.1	.6	73	3.0
	1.7	100.0	100.0	100.0	100.0	100.5	26.7	14.5	3.9	.6	65.9	3 ·
, <u>-</u>	1 .	157.0	100.0	100.0	100.0	78.7	72.2	11.3	3+2		63.7	3.4
	* /	100.0	100.0	100.0	100.5	100.0	40.3	9.4	2.3	1	64.2	3:
•	; '	110.0	150.0	100.0	100.0	100.0	75.5	22.3	2.6	• ?	68.2	21
	•	1/10.0	100.0	105.5	100.0	100.0	43.4	60.0	2.5	• 3	65.9 63.9 - 64.2 - 68.2	31
									_ "			
101	TALS	100.0	100.0	100.0	1.0.0	99.8	91.6	42.1	5.1		69.4	2471

RELATIVE HUMIDITY

15 TO RE HEST, FL

71-37

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUEN	CY OF RELATIV	E HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONIN	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
. 1	•	190.0	150.0	100.0	100.0	100.	100.0	se . 5	18.4	1.6	75 • 8	311
		1:0.0	100.0	100.0	170.0	100.0	100.0	56.5	21.3	2.3	76.6	315
	**	100.0	100.0	100.	1 "0.0	100.0	100.0	90.6	22.3	2.3	76."	31 7
		100.0	170.0	100.5	170.0	10%0	92.6	21.6	6.1	1."	67.6	31
	1	0.00	150.0	100.0	100.0	100.0	°1.6	14.2	5.5	1.3	55.4	31
	1	1.81.5	100.0	100.0	100.0	100.0	p	18.1	3.9	• 3	66.1	3.3
	i	1 * * • *	100.0	100.0	100.3	100.0	95.6	35.4	7.1	1.0	73.8	3:
	7	135.m	100.0	100.0	1"0.0	100.0	100.6	77.6	9.7	3.6	73.7	310
	-					-						
701	ALS	107.0	100.0	100.0	100.0	100.0	95.4	52.2	11.8	1.4	71.5	245

RELATIVE HUMIDITY

Inch ... Fr .EST. FI

STATION MAME

PE BIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13-55

MONTH	HOURS			PERCENT	AGE FREQUEN	CY OF RELATIV	E HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONIN	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
t -	- 1	100.0	1 10.0	100.0	110.0	100.0	1.10.8	yE.Q	30.3	2.0	78.3	310
	1, 6	100.0	100.0	160.0	1:0.3	150.0	100.0	95.7	37.3	2.7	79.4	30
	, 	100.0	100.0	100.5	110.0	100.0	106.0	56.	36.00	3.3	77.2	3 '0
	: -	100.0	100.0	100.0	1.70.0	100.0	97	36.0	8.0	1.7	7. •1	31 C
	1	102.0	150.0	100.0	100.0	100.0	8:	26.3	9.3	2.3	63.3	3 0
		(0.7.0)	100.0	100.0	100.0	79.7	92.3	31.3	1 .0	2.3	69.1	3 0
	1 -	11.0.0	1"0.0	100.0	100.0	160.0	39.0	65.3	14.7	1.7	73.8	3 0
	:	1.0.0	100.0	100.0	100.0	100.0	100.0	27.7	23.0	3.3	77.	3/10
					<u> </u>	-			-			
				ļ								
TO 1	rals	.no.n	100.0	100.0	1 0.0	1.0.0	97.2	67.2	21.1	2.4	74.4	2400

RELATIVE HUMIDITY

ATT . ATT AEST. FL

STATION STATION N

PERIO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT.	AGE FREQUENC	CY OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.\$.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
	:	100.0	1	150.0	170.	100.0	97.7	84.2	35.5	7.9	77.5	3;
			170.0	100.0	100.0	99.7	98.4	91.6	4 - • 5	5.5	79.5	310
	•	175.5	10.6	160.0	110.0	130.7	78.4	90.6	44.	4.9	79.6	3 1 .
	1.7	190.0	190.0	100.0	170.	29.4	80.4	41.	9.7	1.4	69.7	3 1
	1	170.r	100.0	100.0	100.0	-6.7	76.5	28.7	7.4	1.	66.9	5.
	:	175.5	110.0	100.5	100.0	3.4	81.3	34.2	4.2	• 3	67.3	31
	1	1/10.0	100.0	100.0	117.3	09.7	95.2	62.3	17.1	1.6	73.1	7.0
	•	1 7.0	100.0	155.0	100.0	100.0	96.8	78.1	25.	2.6	75.6	31
						1						
				 					-			13,
101	TALS	.30 . 8	190.0	100.0	100.0	.9.8	91.7	63.ª	24.5	2.8	73.7	248

RELATIVE HUMIDITY

ì	•	٠	•	:	97		۳	٠	٠			7	i
			•			*	•-	9		٠	- 7		

N NOITATE

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3-2

MONTH	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
t, 5	:	100.5	1 "0.0	100.0	1 0.0	·6.7	94.	12.3	4 7	3.3	78.6	3.0
	•	107.0	100.0	100.1	1 0.0	₹8.7	95.	57.3	51.7	* 3	79.7	3 0
		100.0	100.0	100.0	1 0.0	9.7	96.3	60.3	55.2	5 . ·	90.2	- 9
	7	107.7	106.9	100.0	100.0	.7.7	97.3	5.3.	16.3	7.7	71.	3 0
	: '	185.0	199.0	100.0	9.3	75.7	75.	3	2.7	1.7	67.	? 0
		130.5	100.0	100.2	100.0	6.3	76.7	42.	1 - 7	1.3	60.1	3 0
	,	1:5.1	1 10.D	100.0	100.0	8.7	92.7	71.7	29.3	7.	74.3	3 0
	* ;	1.0.0	100.3	100.a	170.0	. · ·	93.7	74.7	41.0	4.0	76.8	3 0
												
-	,											
101	TALS	181.n	175.0	100.0	9 , c	18.1	87.	67.2	32.7	u.e	74.5	2399

DCEANAY—SMOS

1

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

G. .

RELATIVE HUMIDITY

15 - EST, FL

STATION N

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL NO. OF
MONIN	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
. •	,	1.3.0	1 15.9	100.3	1 0.0	· 6 . 1	د ر . چ	77.0	41.3	3.2	'6.1	316
		15 .7	103.0	110.7	1 ~5. ^	78.7	94.2	79.7	41.0	••	77.1	310
	-	:::	100.0	100.0	1 0.7	.9.	25.5	77.4	41.0	4.5	77.6	310
		:01.0	1/0.0	100.0	19.7	97.7	85.8	-1.6	13.5	1.7	7	3:
	. •	150.0	100.0	100.0	9.7	95.2	74 . b	5 • 3	7.4	1.3	56.	317
	:	1170-6	17 •9	100.0	-2.7	97.3	76.8	39.7	9.0	• 4	67.2	31
		: 17.7	100.0	100.0	9.4	.7.	91.4	64.4	25.9	;,0	73.4	
		1 0.0	178.0	140.0	1:0.5	-9.1	91.3	71.5	.3•3	2.3	76.4	3' 7
				ļ							<u> </u>	
		 		1		 	<u> </u>					
		 		 	<u> </u>							
701	ALS	105.5	100.0	100.0	9.7	97.3	27.7	61.2	26.8	2.4	72.9	2476

RELATIVE HUMIDITY

414

1 65 45 41

STATION

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENT	AGE FREQUEN	CY OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN - RELATIVE	TOTAL NO OF
MONIA	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
	26.6	1 1.0	1 15.3	100.0	9.0	^ 3 . 4	67.5	F2.6		— 4 • ♡	71.9	2474
ŧ		100.7	100.0	170.0	9.5	75.7	02.7	55.5	27.4	2.5	71.9	775:
,		130.5	110.5	160.0	9.7	76.	9 .8	- 31.5	19.2	. 3	7 • 3	2 ↔
		101.0	1 12.0	100.0	9.7	. 4 . c	74.5	41.4	11.4	••	67.5	3 + 10
		50.0	1 11.0	100.0	.9.9	97.5	p4 . 3	52.2	13.4	1 • 5	7 .4	2 . 3
		:50.5	100.0	167.7	170.0	9.7	91	\$3.0	11.	1.7	71.5	2 4 €
٠,٠		50.5	100.0	100.0	100.0	0.7	91.5	42.1	5.1	. 4	61.6	2477
		67.7	100.0	100.0	100.0	130.0	01,4	32.7	11."	1.4	71.5	2 4 "
1.5		.20.2	100.0	100.0	150.0	100.0	77.2	67.0	21.1	7.4	76.6	2 4 0
		200	107.0	100.0	1^0.0	7.5	91.7	63er	24.5	2 . A	73.7	242
. · · .		17.7.0	100.0	100.0	9.9	78.1	5	67.2	32.7	4.8	74.5	2179
۲ (100.0	1 10.0	100.0	9.7	97.3	E7.7	61.2	26.1	2.4	72.5	2476
TO	TALS	100.0	175.e	100.0	.9.8	98.1	99.1	56.	19.6	2.1	71.5	792 4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

1 JANUARY 1973-DECEMBER 1982 UNNUARY

,				W	IND DIRE	CTION					
TEMP.	1150 8 N	NVE & NE	ENE & E	£ 5 £	55E & 5	35W 8.5W	₩\$₩ 8 ₩	WNW 8 NW	CALM	TOTAL FREQ.	OF TOTAL
122 -				i							
117 70 121											
112 10 116											
197 10 111									T		
102 TO 106											
97 TO 101											
92 10 96											
87 10 91						Ī					
82 TC 86			. 7	3.3	•					•	•
77 to 81	• 1	2.1	.2.	4 .	19.3	11.	1.5	• 1	• 3	337	13.7
72 10 76	7.5	7.4	33.0	70.4	12.2	4.6	2.5	1.4	2.	757	3^.4
67 10 71	1.5	24.7	*3.	₹.?	4.5	1.5	3.7	7.4	4 . 1	4 0 5	15.5
62 10 56	1.	43.5	1 . 9	1 • 1	1.1		1.7	8.	1.7	4 2 3	14.5
57 TQ 51	77.5	41.9	7.	• 3	• 6	• 3	• £	4.2	7.	354	14.4
5. 10 56	23.0	F5.4	5.8			•]		2	2.2	1 40	5.5
47 10 51	5.5 • 3	76.	14 .	I				. 0	- • C	₹ 5	!•"
42 10 46	3.3	56.7								•	• 1
?7_1€ 41			i								
32 10 6											
27 10 21					1	1	i			1	
22 17 26							I				
11.15.21						<u>.</u>					
12 10 16	- •	·- ·- ·	4								
7 10 11	; 	: 									
2 10 6			: 		i						
3 1911 1											
- 8 TG=4											
12:00 0											
18 10-14	<u>.</u>										
22.10 97											
15 TO 241											
= ±3 1.5 29	· - · · · •										
38 Trib. <u>24</u> 1											
43 * 2 - 32		+									
15 * 5 - 11)	,		í +		!						
15:0 4											
S. A. LV-R				i — 							722-
TOTALS	11.4	23.	23.4	16.2	7.5	3.5	7.1	4.0	1.0	2474	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

				٧	VIND DIRE	CTION					
TEMP.	NNW 8 N	NNE 8 NE	ENE & E	ESE & SE	55E & 5	\$5W & 5W	wsw 8 w	WNW & NW	CALM	TOTAL FREQ.	- OF
122 •											
117 10 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 10 101											
92 10 %								I			
87 TO 91											
82 TO 56				2".5	42.9	23.4	4.8			73	• '
77 10 81	5.7	1.3	14.	32.2	27.5	3.7	7.4	1.0	• 3	5.0	13.2
72 10 76	7.2	A . 7	28.3	27.	13.€	4.7	5 . 3	2.4	2.7	552	24.5
67 TC 71	□1.4	76.6	22.9	ç.5	3.8	1.1	2.3	6.6	3.8	523	23.6
62 TC 66	31.6	43.3	13.3	1 • 3	• 2		. 5	5.6	3.2	472	27.9
57 10 61	39.5	76.7	7.8	• 3			. 7	10.9	4 . 1	294	17.
52 10 56	42.7	49.3	4.0					1	2.	7 °.	3.1
47 10 51	. 3.6	27.3	7.1	i						, 1	
42 TO 46											
37 10 41											
32 10 36											
27 10 31											
22 10 26					I						
11 10 21				·							
12 10 16									i		
7 10 11											
2 10 6				·							
-2 10 1			1								
- 8 70 - 4	Ì							i			
13.10 - 9											
18 1014											
23 TO 19		i									
~28 TQ -24						i					
-33 TO -29											
- 36 10 - 34											
43 10 - 39											
48 10 - 44				i							
-53.10 - 44										I	
-58 TO 54											
. 55 • . 150				· · · · · · · · · · · · · · · · · · ·	I						
TOTALS	11.1	24.2	18.3	13.7	2.3	3.0	3.1	5.6	2.9	2256	100.0

" " **"**

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.
WIND DIRECTION

ST. FE JANUARY 1973-DECEM-ER 1993

MARCH

					WIND DIRE	CTION					
TEMP.	NNW 8 N	NNE & NE	ENE & E	£5£	SSE & S	55W & 5W	wsw & w	WNW & NW	CALM	TOTAL FREQ.	1. OF
122 ·						Ī					
117 10 121	Î									<u>†</u>	
112 10 116											
107 70 111											
102 TO 106								1			
47 TO 101											
92 10 96											
87 TO 91					100.C					•	•
82 TO 86	1	1.4	1 • 4	45.6	32.7	8.7	£ • 1	2.2	1.4	147	5.9
77 TO 81	2 • €	2.4	1 4 • 3	42.4	2 4	5.6	. 2	3.0	1.1	720	29.5
72 10 76	7.6	6.6	71.3	34.5	1 9	2.2	1.8	3.4	1.8	882	15.6
67 TO 71	17.5	22.8	28.6	۶.٩	4 . 2	• 6	3.5	U . 6	5.2	479	19.3
62 70 66	31.7	73.7	12.1	1.0]		• 5	10.6	5.5	100	9.
57 70 61	*	34.1	. 6					7 • 3	9.8	4 ?	1.7
52 TO 56	75.0	25.								•	• 2
47 10 51	42.5	78.6	28.6							•	. 7
42 10 46											
37 TC 41											
32 10 36											
27 10 31											
22 10 26											
1/ 10 21											
12 10 16											
7 10 11			\longrightarrow								
2 10 6				ļ							
-3 to 1											
-610-4											
-13 109											
-18 TO-14											
- 23 fO = 19											
~ 28 10 ~ 24											
-33 10-29											
-38 TO-34											
-43 fQ - 39											
48 50 -44					· · · - · · · · · · · · · · · · · · · ·						
- >3 TO -4"											
-38 tO - 54		+				\rightarrow					
-50 A LWR		10.9	23.3	2 - 0	12.6	3.0			2.7	- 356 -	100.0
TOTALS	• •	1110	C 3 0 3	۷ - • ت	1 % e D	3 6 [i	2.7	5.1	Z + ()	471	A U U o U

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

1 JANUATY 1973-DECEMBER 1982 APR

WIND DIRECTION ENE ESE SSE ssw TOTAL 4C .º wsw CALM TEMP. TOTAL 122 + 117 TO 121 112 10 116 107 TO 111 102 TO 106 97 10 101 92 10 96 87 10 91 100.0 2.2 13.4 13.7 38.2 25.5 7.1 5.3 3.7 322 • 3 82 TO 86 5.5 1734 3.3 29.6 32.0 13.4 2.7 77 TO 81 6.3 4.5 2.6 43.1 3. 0.5 15.1 42.6 17.0 1.2 5.4 3.8 P45 35.2 72 10 76 30.4 191 19.4 41.4 1.0 67 10 71 20.0 `0 . C 60.0 62 10 66 57 10 61 52 10 56 47 TO 51 42 10 46 37 10 41 32 10 36 27 10 31 22 TO 26 17 10 21 12 10 16 7 10 11 2 10 6 --8 TO-4 - 13 TO -9 -18 TQ-14 -23 TO-19 -- 28 TO -- 24 -33 tO-29 -38 10 -34 -43 TO-39 -48 TO -44 -53 TO -49 32.1 25.3 10.6 2.5 3.2 4.2 2.6

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

JANUARY 1973-RECEMBER 1982

HEY SEST, TE

TC.

			···-		WIND DIRE	CTION					
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	55E 8.5	SSW & SW	wsw & w	WNW & NW	CALM	TOTAL FREQ.	TOTAL_
122 •				İ							
117 10 121											
112 TO 116											
107 TO 111											
102 10 106											
97 10 101											
92 TO 96											
87 10 91	19.6		7.7	23.	27.5	9.8	13.7	3.9		1.1	2 • 1
82 TO 86	n • 5	5.3	13.3	35.	25.7	6.4	2.9	3.4	1.6	799	12.2
77 10 81	7.6	6.1	23.1	31.5	17.0	4.2	2.2	3.3	5.1	12"3	4° • 5
72 TO 76	7.5	71 · i	76.4	10.	5.6	1.5	1.0	7.8	8.3	412	16.6
67 10 71	13.3	26.7	76.7	21.5					13	15	. 6
62 10 66											
57 10 61											
52 TO 56											
47 TO 51											
42 TO 46						Ī					
37 10 41											
32 10 36											
27 TO 31											
22 fO 26											
1/ 10 21											
12 10 16											
7 to 11											
2 10 6											
-3 to 1											
- 8 TO-4											
-13 109											
-18 TO-14											
- 23 10 - 19											
- 28 TO - 24											
-33 to-29											
_38 tO -34											
-43 TO - 39											
18 10 - 44		:					1				
-53 10-49			1 1		i						
58 TO - 54											
-59 8 LWR											
TOTALS	7.5	8.3	21.7	29.0	18.0	4.5	2.0	4.1	4.4	248"	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE Vs.

WIND DIRECTION

SSE SSW

EY 26\$7, FL JANUARY 1973-DECEMBER 1982

_ **J**UN:

° OF

TOTAL

TOTAL

FREQ.

122 • 117 TO 121 112 70 116 107 TO 111 102 TO 106 97 TO 101 92 10 96 16.8 37.3 18.2 3.2 14.4 t . 4 5.2 7.5 3.8 1.7 87 TO 91 1263 73P 3.2 4 . 1 3.5 5.9 4.0 82 TO 86 29.7 2.0 23.7 3.1 1.5 8.3 16.9 4.6 10.8 77 10 81 24.5 13.9 7.5 11.3 3.3 5.7 11.3 10 76 67 10 71 62 70 66 57 10 61 52 70 56 47 10 51 42 10 46 37 TO 41 32 10 36 27 10 31 22 10 26 11 10 21 1210 16

17.5

2.9

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TOTALS

2 TO 1 2 TO 6 -3 TO 1 -8 TO -4 -13 TO -9 -18 TO -14 -23 TO -19 -28 TO -24 -33 TO -34 -43 TO -34 -53 TO -44 -53 TO -4 -53 TO -4 -53 TO -4 -53 TO -4 -53 TO -4 -53 TO -4 -53 TO -4 -53 TO -4 PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

SEN BEST, FL JANUARY 1973-DECEMBER 198

JANUARY 1973-DECEMBER 1982 JULY

				V	IND DIRE	CTION					
TEMP.	NNW & N	NNE & NE	ENE & E	£2£	\$\$E & \$	ssw & sw	wsw & w	WNW & NW	CALM	TOTAL FREQ.	° OF
122 ·				T	Ī						
117 10 121											
112 10 116											
107 TO 111											
102 to 106										1	
97 TO 101											
92 10 96		: 0.								•	• 5
87 10 91	3.9	1.6	3.9	44.4	21.1	5.1	2.5	4.1	3.1	61	24.6
82 TO 86	1.8	3 • 3	27.0	39.6	12.4	4.4	2.2	2.3	7.7	1476	59.5
77 10 81	2.4	10.8	28.6	22.4	10	4 - 1	4 - 1	2.4	15.1	370	14.9
72 10 76	3.7	13.	21.7	17.4	8.7	4.3	3.7	13.	4.3	23	• 3
67 10 71											
62 10 66							I				
57 TO 61											
52 TO 56											
47 10 51							l				
42 10 46											
37 TG 41											
32 10 36											
27 TO 31											
22 10 26											
1/ 10 21											
12 10 16											
7 10 11											
2 10 6											
-3 10 1											
-810-4											
-13 10 -9											
-18 1014											
-23 10-19											
-28 10-24											
-33 10-29											
-38 10-34											
-43 10-39											
- 48 10 - 44		i							-		
-53 10-44		i									
~58 TO~54							——— 				
TOTALS	7.	4.2	24.0	78.0	14.2	4.5	7.6	2.9	7.2	24 위한	100.0
LIGIAGS	•••		4700		1-06	7.03			, • 2	2770	

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.
WIND DIRECTION

JANUA Y 1973-DECEMBER 1962 WEST, FL

				W	IND DIRE	CTION					
TEMP.	NNW & N	NNE & NE	ENE & E	8. SE	35E 8.5	w22 w2.8	wsw & w	WNW & NW	CALM	TOTAL FREQ.	"- OF
122 •					Ī I						
117 10 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 10 101											
92 10 96											
87 10 91	2.5	3.2	24.0	45.8	16.0	4.2	.7	2.0	1.3	600	24.2
82 TO 86	2.0	5.2	35.4	38.7	A. 9	2.2	1.1	2.4	4.2	1354	56 . 2
77 TO 81	2.0	16.1	30.8	16.3	10.5	4.9	3.3	2.2	13.8	448	18.1
72 10 76	۲.۶	21.1	31.6	1 . 5	15.8	5.3			10.5	37	1.5
67 TO 71											
62 10 66											
57 10 61											
52 TO 56											
47 TO 51											
42 10 46											
37 TO 41											
32 10 36											
27 10 31									i		
22 TO 26									l		
17 TO 21											
12 TO 16											
7 10 11											
2 10 6											
-3 10 1											
-B TO-4											
-13 109											
-18 TO-14									\		
-23 tO-19											ļ
-28 TO-24											
-33 10-29											
-38 TO-34											
-43 TO-39											
- 48 10 - 44		<u> </u>									
-53 TO ~49				<u> </u>							
-58 10 - 54											
-59 & LWR	-	6.9		35.9	11.0					2487	TRA =
TOTALS	2.3	0.7	71.7	3307	1100	3.2	1.4	2.2	5.3	₹ ₹8'!	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

JANUARY 1973-DECEMBER 1982 SEPTEMBER

		STATION NA	N. i				YEARS			MONTH	
				٧	VIND DIRE	CTION					
TEMP.	NNW 8 N	NNE & NE	ENE & E	ESE & SE	55E & 5	ssw & sw	wsw & w	wnw 8 Nw	CALM	TOTAL FREQ.	°∈ OF TOTAL
122 ·											
117 10 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 10 101											
92 10 96				1:0.0						•	• 5
87 10 91	- • 2	4.5	23.9	31.2	17.6	8.1	4.3	3.2	2.0	443	1000
82 TO 86	4 . 3	6.0	27.2	32.0	15.1	3.1	2.2	3.1	7.1	17.0	50.0
77 TO 81	2.1	14.5	8.7	16.6	10.5	2.1	2.0	1.3	21.9	717	29.9
72 10 76	2.6	28.2	17.9	15.4	7.7	2.6	2.6	2.6	20.5	30	1.6
67 10 71											
62 10 66											
57 10 61											
52 10 56											
47 10 51											
42 10 46											
37 TC 41											
32 TO 36											
27 10 31											
22 TG 26	}										
1/ 10 21											
12 10 16											
/ rc !!											
2 70 6											
-3 10 1											
-810-4											
-13 10 -9					}						
-18 10-14 -23 10-19											
- 28 10 - 24											
											
-33 10 - 29					i						
-38 TO -34		+									
-48 TO=44						 +					
-53 10-44					~				L		
-58 TO-54						—— <u>-</u> -					
-59 & LWR											
TOTALS	3	€.6	26.9	27.0	14.0	3.7	2.5	2.5	10.8	रुकत्त	100.0

NAVWEASERVCOM

PER SEST, FL

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

				W	IND DIRE	CTION					
TEMP.	NNW & N	NNE & NE	ENE & E	E S E	\$ 2 \$2.6	w 2 &	wsw 8 w	WNW 8 NW	CALM	TOTAL FREQ.	*. OF
122 -											
117 10 121											
112 TO 116											
107 10 111											
102 TO 106											
97 10 101											
92 10 96											
87 10 91	6.5	5.2	26.17	29.9	18.2	5.2	5 . 2	2.6	1.3	77	3.1
B2 TO 56	13.7	18.9	32.8	18.7	6.3	2.7	1.5	3.3	3.5	668	26.9
77 TO 81	9.3	30.9	35.8	7.8	3.1	1.8	. 9	1.7	8.5	1198	48.3
72 10 76	12.7	47.5	29.4	2.0	• 3		• 2	1.2	6.2	497	5, •0
67 10 71	15.0	72.5	10.0						2 • ∻	7.0	1.5
62 10 66											
57 10 61											
52 TO 56											
47 10 51							~				
42 TO 46											
37 10 41											
32 10 36											
27 10 31											
22 TO 26											
17 10 21											
12 10 16											
7 10 11											
2 10 6											
-3 TC 1										-	
- 8 10-4											
- 13 TO - 4											
18 TQ-14											
-23 TO-19											
-28 10 -24											
-33 TO-29											
-36 TO-34											
- 43 1039											
- 48 TO - 44											
-53 to -44											
-58 TO -54											
- 59 R LWR								1			
TOTALS	11.0	30.€	33.0	9.9	3.9	1.7	1.0	2.0	6.6	2980	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

٧s.

WIND DIRECTION

JANUARY 1973-DECEMBER 1982 NOVEMBER

WIND DIRECTION NNE ENE ESE wsw & w WNW TOTAL °. OF NNW TEMP. CALM 8 58 & NW FREQ. TOTAL & N & 5W 122 -117 10 121 112 10 116 107 10 111 102 TO 106 97 10 101 92 10 96 87 10 91 33.8 31.3 16.9 3.6 1.5 4,1 7.1 1.1 2.1 82 TO 86 34.7 23.2 1.9 798 33.3 6.5 19.2 4.0 1.4 1.8 2. 77 10 81 30.8 57.7 34.9 • 3 37.4 . 8 . 6 11.4 5.8 2.2 4.1 898 72 10 76 24.1 10. 367 15.1 4.1 . 6 • 8 67 TO 71 24.6 ?•1 5•3 67.7 2.1 130 62 10 66 12.5 1.3 57 10 61 100.0 52 TO 56 47 10 51 42 10 46 37 TO 41 32 10 36 27 10 31 22 TO 26 17 10 21 12 10 16 7 10 11 2 10 6 -3 '0 ! -8 10 -4 -13 10 -9 -18 10-14 - 23 10 - 19 -33 10-29 -38 10-34 -43 10-39 48 10 - 44 -53 TO -4 -58 TO - 54 - 59 8 LWF TOTALS 12.5 3.C 1.1 1.2 1.7

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.
WIND DIRECTION

UANEA Y 1977-DECEMBER 1932 DECEMBE

	NNW	1:316	ENE	ESE	VIND DIRE	ssw	wsw	www		TOTAL	°, Of
TEMP.	8 N	A NE	& E	# 2E	\$ 5	8.5W	8 w	8 NW	CALM	FREQ.	TOTAL
122 -											
17 10 121											
112 10 116											
107 10 111											
102 TO 106											
77 10 101											
92 10 %											
87 10 91						l					
82 TO 86			17.0	29.3	21.3	27.7	4.3			4 7	1.
77 10 81	2.4	5 . 1	7 . 1	31.2	20.3	7.6	1.1	• 6	1.3	940	19.
2 10 76	7.3	20.6	32.7	21.9	7.6	3.5	2.6	1.4	2.4	777	31.
57 10 71	72.5	48.9	13.9	2.3	. 8	1.3	2.6	5.6	2.	605	24.
52 10 66	^ v • 8	46.7	12.4	. 3	• 5		. 5	6.6	3.2	370	15.
57 10 61	35.4	42.1	12.2		. 6			3.7	6.1	164	6.
52 10 56	27.6	51.7	9.3				1.5	1.5	5.6	i i	2•
47 TO 51	1 0.0									7	•
42 TO 46											
37 10 41											
32 TO 30											
27 TO 31											
22 10 26											
17 10 21											
12 10 16											
7 10 11		i									
2 10 6											
-3 TO 1											
-8 TO-4											
- 13 70 - 9											
-18 10-14				i							
- 23 TO 19											
-28 10-24											
33 10-29											
-38 10 -34											
-43 TO-39	I										
48 10 - 44											
- 53 10 - 47											
58 TO - 54											
-59 & LWR											
TOTALS	15.9	30.4	22.3	13.7	6.8	3.3	1.9	3.3	2.5	2478	100.

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.
WIND DIRECTION

JANUADY 1973-0 CEMPER 1982

					VIND DIRE	CTION					
TEANP.	NNW & N	NN!	ENE 8 E	ESE & SE	55F & 5	55\V & 5W	wsw 8 w	WNW & NW	CALM	TOTAL FPEQ.	OF TOTAL
122 ·				:							
117 10 121											
112 TO 116											
107 10 111											
102 10 106											
97 TO 101											
92 10 96		0.0		5 .						``	•
87 10 91	4.7	3.4	19.4	30.8	18.5	6.0	3 • C	3.2	2.	2131	7.7
82 TO 86	3	5.6	25.7	35.1	1 . 2	4.5	2.4	2.8	4.5	7538	25.8
77 TO 81		11.9	78.7	25.5	13.	4.4	2.4	. 2	7.0	8311	20.5
72 10 76	8 1	20.3	33.	19.7	7.	2.2	1.9	3.1	3.5	5779	19.8
67 TO 11	0.1	36.5	72.4	5 . 1	2.6	1.1	2.5	6.2	3.6	271~	9.3
62 10 66	1.2	44.3	11.7	• 5	• 5		• 5	7.1	3.1	1540	5.3
57 TO 61	77.5	40.5	F . 4	• 2	• 3	• 1	. 6	6.4	5.9	871	3.0
32 TO 56	35.9	52.4	6.2			• 14	. 4	1.6	2.9	273	• 0
47 10 51	4.3	30.4	9.7					4 . 3	2.2	4.6	• .7
42 TO 46	73.3	66.7								*	• ^
37 TO 41											
32 10 36											
27 10 31									i		
22 10 26											
17 10 21		1									
12 10 16											
7 10 11											
2 10 6											
-3 10 1											
- 810-4											
-13 10 - 9		4									,
- 18 7014											
23 to - 19				·							
- 26 10 - 24											
-33 10-29											
- 38 TO - 34											
-43 10 37											
48 10 44			1		!						
- 5 - 10 - 41											
- 38 10 - 54											
-59 8 LWR											
TOTALS	7.5	16.6	75.9	23.4	1.6	3.4	2.2	3.4	4 . 3	2020a	100.0

NOCH, Federal Building Asheville, N. C.

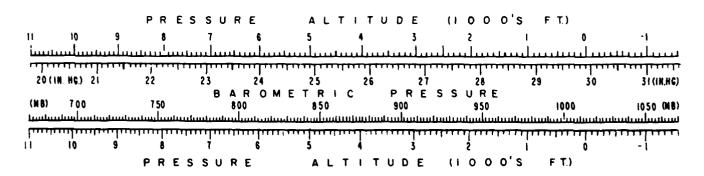
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



TA LEV & PRESS' E IN MES FARM HOUPLY RESERVATIONS

1.	PEY WEST. FL	T? = €.7
STATION	STATION NAME	YEARS

													•	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR,	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	1 12.3	1019.3	1017.7	1017.3	1015.0	1016.1	1017.4	1015.6	1014.7	1015.1	1 17.1	1:17	1 17.
. 1	\$. D.	3.501	3.299	3.266	3.241	2.260	2.110	1.503	2.026	2.137	2.371	2.736	2.9.4	3. ~;
	TOTAL OBS	319	392	31	300	31	30.0	310	310	300	310	סרצ	310	3+11
	MEAN	1616.6	1-18.3	1:16.5	1:16.3	1.14.2	1015.2	1 16.5	1015.7	1 13.4	1014.3	1016.4	1019.0	1016.2
ļ	S. D.	₹.647	3.319	3.295	3.262	2.24	2.355	1.481	2 . 30	2.116	2.384	2.766	2.542	3.10:
	TOTAL OBS	3.1	2 º 2	310	300	31	300	310	310	300	317	300	71.	3 6 5 2
	MEAN												1012.7	1.17.
	\$. D.	3.6 0	3.357	3.359	3.296	2.285	2.123	1.476	2.039	2.175	2.388		3. 6	3.1 0
	TOTAL OBS	3 9	732	3:0	300	310	300	310	310	300	310	300	3.17	34 5 1
	MEAN												102C.2	1012
i	S. D.		l .	3.376	3.355	2.344	2.121	1.507	2.026		,		3.100	3.009
	TOTAL OBS	3 ∩ 3	? 2	31	300	317	300	310	310	300	310	300	310	365;
					~									
	MEAN	1016.6	1015.7	1018.2	1017.8	1 15.6	1016.7	1 18.1	1517.1	1015-1	1315.2	1717.1	1016.7	
	5. D.	3.637	3 . 375	3.315	3.399	2.330	2.136	1.49	2.049	2.174		l	3.747	3.11%
	TOTAL OBS	30%	- 2	310	300	310	300	31 C	31	3 ()	310	300	110	₹ .
}	MEAN												1:17.6	
	S. D.									-	1	1	5.083	3
	TOTAL OBS	3 79	3 4 2	313	300	31	3:0	310	310	300	310	300	310	3(5)
													i	
	MEAN													1016.
	S. D.				-			-					2.915	3.111
	TOTAL OBS	310	2 2	310	350	317	300	310	310	300	313	310	, ,	3511
										9 5 9 9 9				• • •
	MEAN									, -	, .	1		1.17.6
	S. D.			_									2.915	3 • . 5 6 3 • 5 1
	TOTAL OBS	31	2 2	710	200	310	300	310	310	300	71	370	300	37.7
									1014	1014 3	1016		1010 3	1:17.
ALL	MEAN												1018.7	
HOURS	\$. D.		3.419										3.671	3.101
	TOTAL OBS	74 74	7756	246	<u> </u>	2480	2400	2480	2480	2400	2 +80	7400	2478	292

STATION PRESSURE IN INCHES HE FROM HOURLY DESERVATIONS

STATION	OM STATION NAME							YEARS								
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL		
	MEAN	11.076	70.075	30.050	₹ •035	25.963	30.002	30.038	30.016	27.96	29.972	7.32	3 .779	30.014		
i	S. D.	•196	• 098	•377	•005	.067	. 54	- 045	. 60	. DF4	•170	• F1	• 5	•. *1		
	TOTAL OBS	3 " 9	. 2	310	300	310	300	310	31.	300	313	300	:1.7	3651		
.	Ĺ							<u></u>					L			
1	MEAN		, -			,				1	29.948		30.051	30.003		
	S. D.	•1 °E			-				I		1 1		1 1	• 3		
	TOTAL OBS	3 3	292	31.	300	310	300	310	310	300	310	300	310	365;		
}	MEAN	. 204	70 001	10 045	70.079	20.076	71 . 207	20 027	2 D 2 2	26.050	29.977	tr.nte	30.077	30.029		
	S. D.	109			-							_	l I	37.00		
İ '	TOTAL OBS	3 9	- 1		i .	ſ			1	1]			36-1		
<u> </u>	.5,71.000				 		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	745	7.5		 			, ,		
	MEAN	3.145	30.134	30.0°4	30.071	33.002	30.030	30. 67	30.044	29.992	3/.010	30.078	30.123	37.065		
1	S. D.	•109	.101	.100	• t · 9	•070	.364	.045	. 60	.065	.071		•0.45	• * • •		
	TOTAL OBS	3 :	2	319	300	310	300	310	310	30	310	370	716	3 (5)		
1	MEAN	-1 4	₹6.176			1"				1	29,975			35.4015		
	Ş. D.	.1~7	- 1			ſ	1 -)	1	1			• 5-7		
	TOTAL OBS	3 0	282	31	3/10	310	300	310	110	370	310	300	310	36.5.1		
											22 24		20 000	15.001		
	MEAN]			1		79.942			35.001		
	S. D.	•106	-398				1 -		1			.381	i - I	0.47		
	TOTAL OBS	357	2"2	310	300	310	300	310	315	300	310	300	310	365 ;		
	MEAN	1.0 6	30-076	30.027	30.014	27.952	29.989	30.027	29.996	29.942	29.961	3 .027	30.068	33.014		
[S. D.	1 4										. 182		0.002		
ĺ	TOTAL OBS	310				1 -	,	ł	1	ı		300	3″¢	3651		
	MEAN	•115	10.106	30.061	10.050	27.986	30.021	30.056	30.031	29.980	29.994	30.055	30.095	30.046		
] : 1	S. D.	.1 5												• : 91		
	TOTAL OBS	310	242	31:	3:10	310	300	310	310	300	310	300	306	3651		
														-		
ALL	MEAN	.,								I .	1		30.078	30.07°		
HOURS	5. D,	1179						l			('			- 14		
	TOTAL OBS	24.4	2256	2480	2400	5480	2400	2480	748	2400	2480	2400	2478	292 3		

15.